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TECHNICAL NOTE 3873

TABLES OF CHARACTERISTIC FUNCTIONS FOR SOLVING BOUNDARY-
VALUE PROBLEMS OF THE WAVE EQUATION WITH APPLICATION
TO SUPERSONIC INTERFERENCE

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SUMMARY

Tables are presented containing 69,000 values of a set of characteristic functions which first arose in problems of supersonic wing-body interference. The tables are useful in problems of supersonic flow involving aerodynamic shapes which are wholly or in part quasi-cylinders of nearly circular cross section. A number of uses are described in the aerodynamics of bodies alone, body-body or shock-body interference, wing-body interference, and vortex-panel interference. Three illustrative examples are worked out in detail. First, the pressure field due to fuselage indentation is calculated and presented in a form independent of Mach number. Secondly, the tables are applied to a problem involving a previously unpublished solution to the Navier-Stokes equations; namely, the boundary-layer profiles of a circular cylinder moved impulsively with a constant axial force in a viscous incompressible fluid. In the final example, the wave drag of corrugated circular cylinders is calculated as a function of the number of corrugations and their wave length. Several nonaerodynamic applications are pointed out in the fields of acoustics and heat conduction. Generally speaking, the tables are applicable to boundary-value problems of the second kind involving the wave equation in three dimensions with approximately circular cylindrical boundaries or involving the unsteady heat-conduction equation in two space dimensions with nearly circular boundaries.

INTRODUCTION

Many supersonic airplane and missile arrangements employ bodies that approximate circular cylinders, so-called quasi-cylindrical bodies of almost circular cross section. A simple numerical method is given in reference 1 for calculating the flow fields due to such bodies or due to interference between them and other aerodynamic shapes. The method, which is based on linear theory, involves a set of characteristic functions of two variables. Design charts of a number of these functions are included in reference 1, but only enough functions are included to solve the particular interference problem considered there.

Plans to calculate an extensive set of tables were announced in reference 2. The tables have now been compiled and it is the primary purpose of this paper to present them. It is, however, beyond the scope of the present paper to discuss in detail the mathematical techniques used to calculate the functions. It is an additional purpose of this report to illustrate the use of the tables by applying them to certain problems which have not hitherto been calculated. These problems are the determinations of the pressure field due to an indented body; the viscous, incompressible, laminar flow for a circular cylinder moved impulsively with constant axial force; and the wave drag of corrugated bodies. Finally, a number of other possible applications of the tables are pointed out.

The set of tables has been compiled by Dr. William A. Mersman and Mr. Stewart Crandall of the Ames Aeronautical Laboratory, using methods developed by them for use with automatic computing machinery. The author would like to acknowledge their considerable contributions to the present paper as well as the work of Mr. Fred Goodwin in editing the tables.

SYMBOLS

a	mean radius of quasi-cylindrical body of nearly circular cross section
c	wing chord at wing-body juncture, local chord of tail panel
c^*	$\frac{c}{\beta a}$
c_l	section lift coefficient for tail panels
$C_o(s)$	arbitrary function of s
C_{D_2}	drag coefficient of corrugated body based on body plan form and assuming local two-dimensional flow
C_{D_3}	drag coefficient of corrugated body based on body plan form and assuming three-dimensional flow
D_B	wave drag of body
$erf(x)$	error function, $\frac{2}{\sqrt{\pi}} \int_0^x e^{-x^2} dx$
$erfc(x)$	complementary error function, $1 - erf(x)$

$f_m(x)$	velocity amplitude function for $\cos m\theta$ distortions
$F_m(s)$	Laplace transform of $f_m(x)$
$g_m(x)$	velocity amplitude function for $\sin m\theta$ distortions
h	amplitude of corrugation
$H(t)$	Heaviside step function; $H(t) = 0$, $t < 0$; $H(t) = 1$, $t \geq 0$
J_m, Y_m	Bessel functions of first and second kind, respectively, of order m
K_m	modified Bessel function of second kind of order m
l	body length
L^{-1}	inverse Laplace operator
$L_B(v)$	lift on body due to vortex
$L_T(v)$	lift on tail panels due to vortex
m	order of characteristic function, number of Fourier harmonic
M	free-stream Mach number
$M_m(x)$	second set of characteristic functions of reference 6
n	summation index, number of corrugations
p	free-stream static pressure
p_l	local static pressure
P	pressure coefficient, $\frac{p_l - p}{q}$
P_0	pressure coefficient for axially symmetric body, $m = 0$
ΔP	loading coefficient for body-tail combination
q	free-stream dynamic pressure
r	radial distance from body center line
r_0	local radius of quasi-cylindrical body of almost circular cross section

r^*	$\frac{r}{a}$
s	complex variable of plane of Laplace transforms
S_B	body plan-form area
S_T	plan-form area of tail panels
t	time
V	free-stream velocity
w	fluid velocity parallel to axis of cylinder
\bar{w}	Laplace transform of w
$w_m(x, r)$	characteristic function of order m
$w_m^*(x)$	characteristic function of reference 8
$w_{1/2}(x),$ $w_{3/2}(x)$	characteristic functions of fractional order
x, r, θ	cylindrical coordinates, figure 2
x^*	$\frac{x}{\beta a}$
α_B	body angle of attack
α_T	tail angle of attack
α_V	angle of attack due to vortex
β	$\sqrt{M^2 - 1}$
δ	amplitude of body indentation
δ^*	$\frac{\delta}{a}$
η	$x - r + l$
η^*	$x^* - r^* + l$
θ	polar angle, figure 2
λ	wave length of corrugation

λ_m	$2\pi, m = 0; \pi, m \neq 0$ but integral
μ	absolute viscosity
ν	kinematic viscosity
ξ	dummy variable of integration
τ	streamwise slope of surface of quasi-cylindrical body
τ_0	shearing force per unit area acting on circular cylinder
τ^*	$\frac{vt}{a^2}$
$\phi(x, r, \theta)$	potential in physical plane
$\Phi(s, r, \theta)$	Laplace transform of $\phi(x, r, \theta)$

THE CHARACTERISTIC FUNCTIONS

History of Functions

In reference 3, Lighthill, while studying the pressure distribution on quasi-cylindrical bodies of revolution, introduced a hitherto untabulated function $W_0(x, l)$ which occurred in his formula for pressure coefficient at the body surface. (The quantity x corresponds to streamwise distance, and the quantity l indicates a radial distance of unity corresponding to the body surface.) Lighthill ascribes his tabulated values to the Admiralty Computing Service (ref. 4) who did the work at the request of G. N. Ward. Ward also presents the values in his paper on quasi-cylindrical flow, reference 5. The higher order functions $W_2(x, l)$, $W_4(x, l)$, $W_6(x, l)$, $W_8(x, l)$, and $W_{10}(x, l)$ were introduced by Nielsen in reference 6 in connection with a calculation of the interference pressure field of a rectangular wing and body combination at supersonic speeds. These higher order functions, which are natural extensions of Lighthill's original $W_0(x, l)$ function, were computed to engineering accuracy using Fourier transforms. They are necessary whenever the configuration is not axially symmetric. While Nielsen required only even-ordered functions in reference 6, Phinney in reference 7 found it necessary to evaluate $W_1(x, l)$ and $W_3(x, l)$ to determine the pressure field acting on a streamwise circular cylinder intersected by an oblique-plane shock.

In the foregoing examples the $W_m(x, l)$ functions were used strictly for calculating quantities on the body surface. A multipole method was given in reference 6 for calculating the pressure field away from the body surface. Since certain difficulties in this method motivated the present tables, let us consider the method briefly. The multipoles were

placed along the body axis in proper strength to give the right body shape (and, hence, pressure) at the body surface. First, the strength distributions along the body axis were found with the help of a second set of functions $M_0(x)$, $M_2(x)$, etc. Then the external pressure field was found by numerical integration from the strength functions. The first disadvantage encountered was that the strength functions contained singularities. These singularities, although integrable, complicated the numerical integrations of the second step. An additional disadvantage was that as the order of the multipoles increased, the pressures became the difference of two large numbers so that the accuracy of the calculations deteriorated. To overcome these two disadvantages, a new method was developed based on a more general set of functions, $W_m(x,r)$. With these new functions, it is as easy to compute the pressures off the body as those on the body. The practicability of calculating tables of the $W_m(x,r)$ functions was due directly to the availability of automatic computing machines for the purpose.

For completeness in the historical discussion of the functions, it should be noted that Randall (ref. 8) has published a set of characteristic functions closely related to the set of functions published in reference 6. If Randall's functions are designated by $W_m^*(x)$, they are related to the functions of reference 6 by the following formula:

$$W_m^*(x) = 1 - \int_0^x W_m(\xi, 1) d\xi \quad (1)$$

Randall's table lists $W_0^*(x)$, $W_1^*(x)$, . . . $W_{10}^*(x)$ for the fairly coarse interval of 0.2 in x .

Method of Calculations

The $W_m(x,r)$ functions are defined as the inverse Laplace transform of a function containing modified Bessel functions of the second kind.

$$W_m(x,r) \equiv L^{-1} \left[e^{s(r-1)} \frac{K_m(sr)}{K_m'(s)} + \frac{1}{\sqrt{r}} \right] \quad (2)$$

The present tables have been calculated from this equation by the use of three methods of calculation particularly adapted to automatic computation. The three methods are:

1. Power series in x with coefficients depending on m and r .
2. Integral-equation methods.

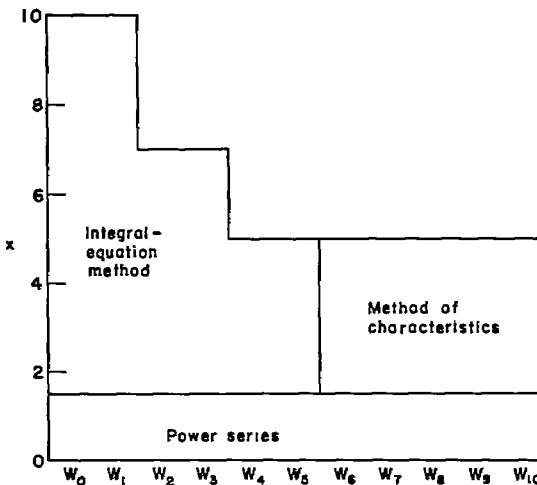
3. Characteristics using finite difference equations.

Other methods which have been used by the author and others for determining $W_m(x, r)$ functions include:

4. Numerical evaluation of Fourier integrals.
5. Asymptotic series.
6. Laplace inversion formula with a contour encircling the zeros of K_m' in the complex plane.

The ranges of the present tables calculated by the first three methods are shown in sketch (a). The power series in x involves coefficients which are functions of r and m .

For values of r from 1 to 10 enough terms of the series were calculated to obtain the functions out to $x = 1.5$ with considerable accuracy for all values of m . With the initial values of the functions so determined, they were continued to higher values of x by the integral-equation method and the method of characteristics. First, an integral-equation method was used, but the accuracy of the method deteriorated with increases in x and m . It was thus decided to abandon the integral-equation technique for higher values of m and develop the method of characteristics. After some unexpected problems, this was accomplished, and that portion of the tables indicated by "method of characteristics" was established.



Sketch (a)

Some mention of the last three methods seems justified on the grounds of completeness even though they were not used for the present tables. The Fourier integral technique was utilized in establishing the tables of reference 6. Asymptotic series involve the term-by-term inversion of doubly infinite series of powers and logarithms. As such they are unwieldy for automatic computation, but a few terms calculated by hand established the asymptotic behavior of the functions. This behavior cannot be determined conveniently by other methods. The final method was given in reference 5 as a formula for $W_0(x)$. However, the method was not then adaptable to the higher order W functions because the zeros of K_m' were not known in the complex plane. In reference 8 these zeros have been determined and have been used in calculating the tables of that paper.

Description of Tables

The tables of $W_m(x,r)$ cover a range of the order m from 1 to 10. The range of x is less for the higher order functions than the lower order functions because they become smaller faster. The actual ranges of the parameters x and r are:

<u>m</u>	<u>x</u>	<u>r</u>
0,1	0 to 10	1, 1.1, 1.25, 1.5,
2,3	0 to 7	2.0, 3.0, 4.0,
4,5,6,7,8,9,10	0 to 5	6.0, 8.0, 10.0

The interval in x is 0.01. This interval permits accurate numerical integration with respect to x throughout the entire table. The values of r are not uniformly spaced because the interference effects that originally motivated the tables are most important near the body, that is, for values of r close to unity. For this reason more values of r were included in the lower range. The tables have eight places of decimals for $0 \leq x \leq 1.2$, six places of decimals for $1.2 \leq x \leq 1.5$, and four places of decimals for $1.5 < x$.

Accuracy of Tables

In the calculation of the tables, an attempt was made to obtain the functions accurately to four places of decimals. The success achieved in this attempt depended on the method of calculation as subsequently discussed under the various methods.

To insure that no obvious errors have entered the tables, differences have been examined to the fourth difference. For the range of m and x within which only one method of calculation was used, the differences were smooth within the limits of round-off error, with few exceptions. In these exceptional cases the roughness was never greater than 2 in the fourth decimal place, and the values have been adjusted so that they are smooth. For most of the table it was necessary only to obtain the fourth difference to assure smoothness in the fourth decimal place. However, for small values of x and values of m greater than 3, it was necessary to go to higher differences before random scatter was encountered. At the transition at $x = 1.5$ from the power series to the method of characteristics, the differences are not smooth in the fourth decimal place. The reason for this is subsequently explained.

Power series. - In the range of the tables covered by the power series, the values are accurate to 1 in the eighth decimal place for $0 \leq x \leq 1.2$ and to 1 in the sixth decimal place for $1.2 \leq x \leq 1.5$. This

accuracy was achieved on the following basis. It was noted during the calculation of the power series that the ratio of the successive coefficients approached $1/2$ independent of r or m . From this knowledge, an upper bound was established on the error incurred by terminating the series at any particular term. The calculations were then carried out for enough terms to hold the error within the previously stated limits. The radii of convergence of the power series all appear to be 2.

Integral-equation method.- In the integral-equation method the accuracy could not be determined on an absolute basis as for the power series. In fact, the accuracy of the values calculated by this method can be determined only by comparison with the values calculated by other independent methods. (The practical decision to use an interval of 0.01 in x in solving the integral equation is probably the most important factor in determining the accuracy.) The accuracy of $W_0(x,1)$ function can be assessed by comparing the values of the present tables with those of reference 3.

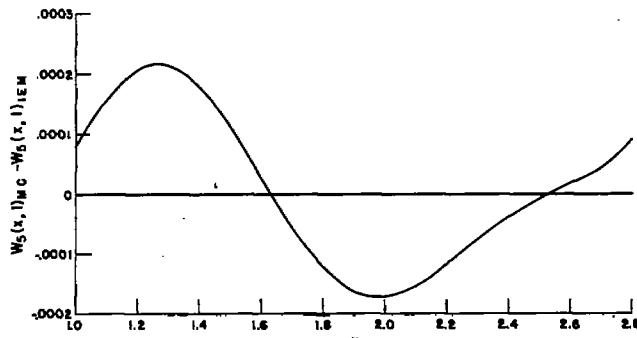
	Present tables	Reference 3
$W_0(2,1)$	0.1454	0.14542
$W_0(4,1)$	.0590	.05896
$W_0(6,1)$	.0294	.02936
$W_0(8,1)$	.0169	.01688
$W_0(10,1)$	.0108	.01077

For $W_0(x,1)$ the present tables are accurate to four decimals. For values of r other than unity, the accuracy of the $W_0(x,r)$ functions can be inferred on the basis of the following argument. The first step in the integral-equation method is to solve an integral equation numerically for each value of m . The second step is to generate values of $W_m(x,r)$ for each value of r from the numerical solution. The primary error enters in the first step. Therefore, if the values of $W_m(x,r)$ are accurate for $r = 1$, they will probably be accurate for all values of r .

The accuracy of the present values of $W_2(x,1)$ and $W_4(x,1)$ can be assessed with the help of the results of reference 6.

x	$W_2(x,1)$		$W_4(x,1)$	
	Present table	Reference 6	Present table	Reference 6
3.4	-0.0821	-0.082	-0.0662	-0.068
3.6	-.0585	-.058	-.0348	-.035
3.8	-.0361	-.035	-.0012	-.003
4.0	-.0166	-.017		

The comparison shows that the present values are at least as accurate as those of reference 6 which are accurate to 1 or 2 in the third decimal place.



Sketch (b)

As the order of the function increased, the accuracy of the integral-equation method decreased. The function $W_5(x, r)$ is the highest one for which this method was used. To gain some insight into the accuracy of the calculated values of $W_5(x, r)$ by the integral-equation method, the values were also computed by the method of characteristics for the range $1 \leq x \leq 2.8$. The differences between the values are shown in

sketch (b). They exceed 2 in the fourth decimal place in only a limited range. It seems safe to conclude that the $W_5(x, r)$ values are accurate to about ± 0.0002 .

The deterioration of the integral-equation method in the case of $W_6(x, 1)$ is illustrated in figure 1. Successive values oscillate about the mean curve with an increasing amplitude. The reason for this instability is not known. Since 20 decimals were carried in the calculations it is not the result of round-off error. It could be due to outright machine or human error, to too large an interval in x , or possibly to the excitation of another solution of the integral equation.

One important characteristic of the integral-equation method and of the method of characteristics made it possible to use them in calculating the tables. Suppose that the precise variation of $W_m(x, r)$ with x is known. Generally the values calculated by either of the foregoing methods will lie either below or above the true curve in a small neighborhood of any particular value of x . If the calculated values are continued to higher values of x , they will tend to cross over the true curve and thus oscillate about it rather than diverge from it.

Method of characteristics.— The accuracy of the method of characteristics can be inferred by comparison in the same manner as the integral-equation method. (The accuracy of the calculations by the method of characteristics was largely determined by the practical decision to use a mesh size of 0.01 in x and r and to carry eight places of decimals in the calculations.) Comparison of the values of $W_6(x, 1)$, $W_8(x, 1)$, and $W_{10}(x, 1)$ with those of reference 6 for x up to 3.6 shows that the values by the method of characteristics are at least as accurate as the values of that reference; namely, 1 or 2 in the third decimal place. A comparison between the values given by the power series and the method of characteristics in an overlapping region sheds light on the accuracy. To visualize the nature of this overlapping, one should note that the power-series calculations were originally made for values of x up to 1,

and the calculations by the method of characteristics were joined on smoothly at this point. Subsequently, the power series were extended to $x = 1.51$, so that values of $W_m(1.51, r)$ by two independent methods are available for comparison.

	$r = 1$		$r = 10$	
	Power series	Method of characteristics	Power series	Method of characteristics
$W_6(1.51, r)$	0.52996	0.5295	-0.22151	-0.2213
$W_7(1.51, r)$	.15987	.1597	.15704	.1571
$W_8(1.51, r)$	-.49617	-.4952	.11206	.1117
$W_9(1.51, r)$	-.29237	-.2919	-.26710	-.2665
$W_{10}(1.51, r)$	.42405	.4229	.10859	.1087

It is clear that error in the method of characteristics has entered the third decimal place in a few places. For this reason the table can be relied on only to about 0.001 in the region covered by the method of characteristics even though the error will usually be less. It should also be noted that even though the table is smooth to the fourth decimal in any of the three regions of sketch (a), it is smooth to only about 0.001 in crossing the boundary between the power series and the method of characteristics.

In conclusion it should be mentioned that the method of characteristics tended to deteriorate in an oscillatory instability similar to that for the integral-equation method. This oscillation was detected by keeping a running check on the fourth differences as the calculations proceeded. As soon as evidence of oscillatory instability was detected in the fourth differences, the calculation was backed up in x and the calculated values were smoothed before continuing. This technique was not tried in the integral-equation method.

Physical Interpretation of $W_m(x, r)$ Functions

The $W_m(x, r)$ functions have the physical significance of cylindrical pressure waves associated with a step in the radius of a streamwise quasi-cylindrical body as shown in figure 2. This figure, which applies to the $W_o(x, r)$ function, shows a ramp of slope τ and of length dx . As the flow passes over the ramp, it first goes through an oblique shock wave. Then at the end of the ramp it undergoes a Prandtl-Meyer expansion to negative pressure with an asymptotic approach back to free-stream pressure behind the ramp. The negative pressure field is $-2W_o(\xi, r)$ where $\xi = x - r + 1$. This result gives a clear physical model for the $W_o(x, r)$ function which simplifies actual pressure-distribution calculations. In the theoretical sense we must let the product τdx remain unity as dx approaches zero to get a mathematically precise model.

Consider now a mathematical demonstration that the negative pressure field is, in fact, represented by the $W_0(x, r)$ function. An equation for the pressure field of a quasi-cylindrical body is derived in Appendix A. For a ramp of the present type, equation (All) gives (with $a = 1$ and $\beta = 1$)

$$P = 2 \sum_{m=0}^{\infty} \left[\frac{f_m(x - r + 1)}{\sqrt{r}} - \int_0^{x-r+1} f_m(\xi) W_m(x - r + 1 - \xi, r) d\xi \right] \cos m\theta \quad (3)$$

where

$$\left(\frac{dr_0}{dx} \right)_{r_0=1} = \sum_{m=0}^{\infty} f_m(x) \cos m\theta \quad (4)$$

is the slope of the ramp. In this case we have

$$\left. \begin{array}{ll} f_0(x) = \tau & 0 \leq x \leq dx \\ f_m(x) = 0 & m > 0 \end{array} \right\} \quad (5)$$

so that the pressure field is

$$P = \frac{2\tau(x - r + 1)}{\sqrt{r}} - 2W_0(x - r + 1, r) \quad (6)$$

An interpretation of equation (6) term by term is instructive. The pressure on the ramp is given by the first term which represents the direct effect of the oblique compression wave. For $r = 1$ the value of 2τ is the pressure coefficient that would be calculated by two-dimensional theory. This pressure then propagates outward along the characteristic and is attenuated inversely as the square root of the radius as shown in figure 2. The pressure behind the ramp would return to free-stream pressure once the flow straightens out in the free-stream direction if the flow were two-dimensional. However, because of the three-dimensional nature of the flow, it actually undergoes expansion to a pressure below that of the free stream and recovers back to free-stream pressure as it progresses downstream. The pressure coefficient of this overexpanded field is the second term of equation (6), $-2W_0(x - r + 1, r)$. The attenuation of the pressure field along the characteristics is represented by the dependence of $W_0(x - r + 1, r)$ on the second independent variable, r . The physical significance of the $W_m(x, r)$ functions is analogous to that of the $W_0(x, r)$ function, except that the amplitude of the pressure waves varies as $\cos m\theta$ around the body.

Mathematical Properties of the $W_m(x,r)$ Functions

Many of the mathematical properties of the $W_m(x,r)$ functions are useful for both calculative and analytical purposes. For this reason some of these properties are now listed.

1. The $W_m(x,r)$ functions are the solutions to the partial differential equation

$$\frac{\partial^2 W_m}{\partial r^2} + \frac{1}{r} \frac{\partial W_m}{\partial r} - \frac{\partial^2 W_m}{\partial \eta^2} - \frac{m^2}{r^2} W_m = 0 \quad (7)$$

with the boundary condition

$$W_m = \frac{(1/8) - (m^2/r)}{r^{3/2}} + \frac{(3/8) + (m^2/r)}{r^{1/2}} \quad \text{at } \eta = x - r + 1 = 0 \quad (8)$$

$$\frac{\partial W_m}{\partial r} = 0 \quad \text{at } r = 1 \quad (9)$$

2. The Taylor series for the $W_m(x,r)$ functions can readily be deduced from the definition

$$W_m(x,r) \equiv L^{-1} \left[e^{s(r-1)} \frac{K_m(sr)}{K_m'(s)} + \frac{1}{\sqrt{r}} \right] \quad (10)$$

by taking the inverse transformation of the asymptotic expansion term by term

$$W_0(x,r) = \frac{1}{8\sqrt{r}} \left(3 + \frac{1}{r} \right) - \frac{3}{128\sqrt{r}} \left(11 + \frac{2}{r} + \frac{3}{r^2} \right) x + O(x^2) \quad (11)$$

$$W_m(x,r) = \frac{1}{8\sqrt{r}} \left(3 + \frac{1}{r} \right) + \frac{m^2}{2\sqrt{r}} \left(1 - \frac{1}{r} \right) + O(x) \quad (12)$$

It should be noted that the values of $W_m(0,r)$ are known exactly.

3. Asymptotic formulas for the $W_m(x,r)$ functions can also be determined for large x

$$W_m(x,r) \sim \frac{4(-1)^m}{(m!)^2} \frac{(r^m + r^{-m})(2m+1)!}{2^{2m+1}} \left(\frac{1}{x}\right)^{2m+2}; \quad m \neq 0 \quad (13)$$

$$\begin{aligned} W_0(x,r) \sim & \frac{1}{x^2} - \frac{2(r-1)}{x^3} + \frac{1}{2x^4} (12 \log 2x - 6 \log r + \\ & 9r^2 - 12r - 13) + O\left(\frac{1}{x^5}\right) \end{aligned} \quad (14)$$

4. Certain integral properties of the $W_m(x,r)$ functions can be proved:

$$\int_0^x W_0(\xi,r)d\xi \sim \frac{1}{\sqrt{r}} - \frac{1}{x} + O\left(\frac{1}{x^2}\right) \quad (15)$$

$$\int_0^x \xi W_0(\xi,r)d\xi \sim -\left(1 + \log \frac{r}{2}\right) + \log x + O\left(\frac{1}{x}\right) \quad (16)$$

$$\int_0^x W_m(\xi,r)d\xi \sim \frac{1}{\sqrt{r}} + O\left(\frac{1}{x^{2m+1}}\right) \quad (17)$$

$$\int_0^x \xi W_m(\xi,r)d\xi \sim \frac{1}{mr^m} + O\left(\frac{1}{x^{2m}}\right) \quad (18)$$

5. The zeros of $W_m(x,r)$ exhibit some interesting properties. As m increases, the number of zeros increases within the range of the calculations. To a close approximation, but not exactly, the zeros are evenly spaced. The number of zeros appears to be finite because Mersman has proved that if x is increased indefinitely, the function becomes of invariable sign.

6. It is interesting to note that W functions of half order can be expressed in terms of elementary functions. The first two functions are:

$$W_{1/2}(x,r) = \frac{1}{2\sqrt{r}} e^{-x/2} \quad (19)$$

$$W_{3/2}(x, r) = \frac{(3r/2) - 1}{r^{3/2}} e^{-sx/4} \cos \sqrt{\frac{15}{16}} x + \frac{(3r/8) + (3/4)}{r^{3/2}} \sqrt{\frac{16}{15}} e^{-sx/4} \sin \sqrt{\frac{15}{16}} x \quad (20)$$

Only very rough values of W_0 , W_1 , W_2 , etc., can be obtained by interpolating in m between known values of $W_{m+1/2}$.

ILLUSTRATIVE EXAMPLES

To show how the $W_m(x, r)$ tables can be used to calculate aerodynamic quantities, the tables will be applied to the calculation of the pressure field due to an indented body, the flow field of an infinite cylinder moving axially in a viscous incompressible fluid, and to the wave drag of corrugated bodies. These aerodynamic examples were chosen because they have hitherto not appeared in the literature. In a subsequent section, other aerodynamic applications will be pointed out as well as certain nonaerodynamic applications.

Pressure Field of Body With Indentation

As a first example of the use of the functions, let us compute the pressure field of a body with a concave indentation such as might result from an application of the transonic area rule. (See sketch in fig. 3(a).) The radius of the indented body is given by

$$r_o = a - 4\delta \left(\frac{x}{c}\right) \left(1 - \frac{x}{c}\right); \quad 0 \leq x \leq c \\ = a; \quad c \leq x \quad (21)$$

The shape of the indentation is

$$\frac{dr_o}{dx} = -4 \frac{\delta}{c} \left(1 - \frac{2x}{c}\right); \quad 0 \leq x \leq c \\ = 0; \quad c < x \quad (22)$$

For an axially symmetric body only the $W_O(x,r)$ functions need be used. From equation (A1)

$$f_O(x) = -4 \frac{\delta}{c} \left(1 - \frac{2x}{c}\right); \quad 0 \leq x \leq c$$

$$= 0; \quad c < x \quad (23)$$

For $0 \leq x \leq c$ equation (A1) yields

$$P_O = -\frac{8(\delta/c)}{\beta} \left\{ \frac{1}{\sqrt{r/a}} - \frac{2[x - \beta a(\frac{r}{a} - 1)]}{c \sqrt{r/a}} - \frac{1}{\beta a} \int_0^{x-\beta a(\frac{r}{a}-1)} \left(1 - \frac{2\eta}{c}\right) W_O \left(\frac{x}{\beta a} - \frac{r}{a} + \right. \right.$$

$$\left. \left. 1 - \frac{\eta}{\beta a}, \frac{r}{a}\right) d\eta \right\} \quad (24)$$

which with the substitutions

$$x^* = \frac{x}{\beta a}, \quad c^* = \frac{c}{\beta a}, \quad r^* = \frac{r}{a}, \quad \eta^* = x^* - r^* + 1 \quad (25)$$

becomes

$$\frac{\beta P_O}{\delta/c} = -8 \left[\frac{1 - 2(\eta^*/c^*)}{\sqrt{r^*}} - \int_0^{\eta^*} \left(1 - \frac{2\eta}{c^*}\right) W_O(\eta^* - \eta, r^*) d\eta \right] \quad (26)$$

For $x > c$ we obtain

$$\frac{\beta P_O}{\delta/c} = 8 \int_0^{c^*} \left(1 - \frac{2\eta}{c^*}\right) W_O(\eta^* - \eta, r^*) d\eta \quad (27)$$

Formulas (26) and (27) give the pressure on the body in a form amenable to numerical integration using the tabulated values of $W_O(x,r)$. The integrations have been carried out for values of r/a of 1 and 2. The results in figure 3 are applicable to any concave indentation at any supersonic Mach number. Both axially symmetric and $\cos 2\theta$ indentations are covered.

Velocity Field of Circular Cylinder Impulsively Moved in
Axial Direction With Constant Axial Force

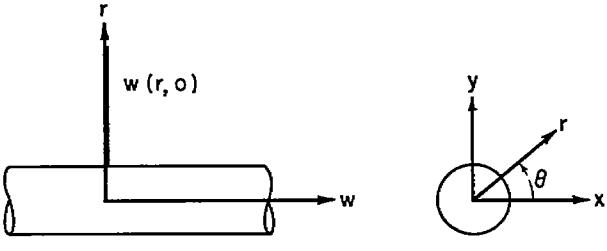
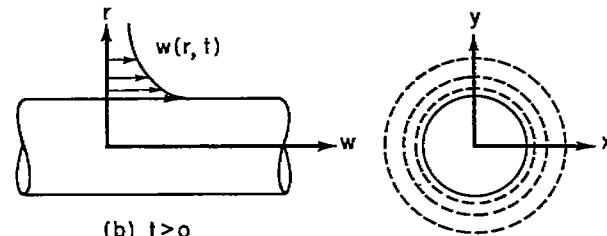
The following example illustrates how the W functions solved certain problems involving the same differential equation as that governing unsteady heat conduction. In fact, the example considered here is a solution to the Navier-Stokes equations. In reference 9 Batchelor, using asymptotic methods, calculated the skin friction acting on an infinite cylinder of circular cross section moving axially with a step in velocity. In this example, we consider the analogous problem for a unit step in axial force applied at time $t = 0$. Let $w(r, t)$ be the fluid velocity parallel to the axis of the cylinder. The differential equation for the velocity field of a viscous incompressible fluid is in this case

$$\frac{\partial^2 w}{\partial x^2} + \frac{\partial^2 w}{\partial y^2} = \frac{1}{\nu} \frac{\partial w}{\partial t} \quad (28)$$

wherein ν is the kinematic viscosity. The equation is to be solved subject to the boundary conditions as shown in sketch (c).

$$\left. \begin{array}{l} w = 0 \quad \text{for } t < 0 \\ \frac{\partial w}{\partial r} = \frac{\tau_0}{\mu} H(t) \quad \text{at } r = a \end{array} \right\} \quad (29)$$

Here $H(t)$ is the unit step function of Heaviside, μ the absolute viscosity, and τ_0 is the uniform value of the skin friction per unit area induced by the constant axial force.

(a) $t=0$ (b) $t > 0$

Sketch (c)

To solve equation (28) first introduce the variables $\tau^* = vt/a^2$ and $r^* = r/a$ to obtain

$$\frac{\partial^2 w}{\partial r^{*2}} + \frac{1}{r^*} \frac{\partial w}{\partial r^*} = \frac{\partial w}{\partial \tau^*} \quad (30)$$

subject to the conditions

$$\left. \begin{array}{l} w(\tau^*, r^*) = 0 \quad \tau^* < 0 \\ \frac{\partial w}{\partial r^*} = \frac{a\tau_0}{\mu} H(\tau^*) \end{array} \right\} \quad (31)$$

Introducing the Laplace transformation

$$\bar{w}(s, r^*) = L[w(\tau^*, r^*)] = \int_0^\infty e^{-s\tau^*} w(\tau^*, r^*) d\tau^* \quad (32)$$

equation (30) becomes

$$\frac{\partial^2 \bar{w}}{\partial r^*^2} + \frac{1}{r^*} \frac{\partial \bar{w}}{\partial r^*} - s\bar{w} = 0 \quad (33)$$

A solution to this transformed equation of the following form will satisfy the boundary conditions

$$\bar{w} = C_O(s) K_O(r^* \sqrt{s}) \quad (34)$$

where $C_O(s)$ is a function of s chosen to satisfy the second boundary condition of equation (31)

$$\frac{\partial \bar{w}}{\partial r^*} = L\left(\frac{\partial w}{\partial r^*}\right) = \left(\frac{a\tau_O}{\mu}\right) \frac{1}{s} = C_O(s) K_O'(r^* \sqrt{s}) \sqrt{s}; \quad r = a \quad (35)$$

Thus

$$\bar{w}(s, r^*) = \left(\frac{a\tau_O}{\mu}\right) \frac{1}{s^{3/2}} \frac{K_O(r^* \sqrt{s})}{K_O'(\sqrt{s})} \quad (36)$$

It is now desirable to rewrite the equation in a different mathematical form which is better adapted to evaluation by use of W functions.

$$\frac{\bar{w}(s, r^*)}{a\tau_O/\mu} = \frac{e^{-\sqrt{s}(r^*-1)}}{s} \left[\frac{e^{\sqrt{s}(r^*-1)}}{\sqrt{s}} \frac{K_O(r^* - \sqrt{s})}{K_O'(\sqrt{s})} + \frac{1}{\sqrt{sr^*}} \right] - \frac{e^{-\sqrt{s}(r^*-1)}}{s^{3/2} r^{1/2}} \quad (37)$$

From the definition of the W functions

$$w_O(\tau^*, r^*) \equiv L^{-1} \left[e^{\sqrt{s}(\tau^*-1)} \frac{K_O(r^* \sqrt{s})}{K_O'(\sqrt{s})} + \frac{1}{\sqrt{r^*}} \right] \quad (38)$$

and the following relationship from Laplace transform theory (see ref. 10)

$$L^{-1} \left[\frac{\bar{g}(\sqrt{s})}{\sqrt{s}} \right] = \frac{1}{\sqrt{\pi\tau^*}} \int_0^\infty e^{-s^2/4\tau^*} g(s) ds \quad (39)$$

we obtain

$$L^{-1} \left[\frac{e^{\sqrt{s}(r^*-1)}}{\sqrt{s}} \frac{K_0(r^*\sqrt{s})}{K_0'(\sqrt{s})} + \frac{1}{\sqrt{sr^*}} \right] = \frac{1}{\sqrt{\pi r^*}} \int_0^\infty W_O(s, r^*) e^{-s^2/4r^*} ds \quad (40)$$

At this point it is interesting to observe just how characteristic functions which solve the wave equation also yield solutions to the unsteady heat-conduction equation. The solution in the Laplace transform plane (eq. (36)) in the present case involves Bessel functions containing the square root of s , whereas the corresponding solution for the wave equation would involve Bessel functions containing the first power of s . The relationship between the inverse transforms of a function of s and the same function of the square root of s is given by equation (39). This equation can be thought of as converting a set of characteristic functions for the wave equation into a corresponding set of functions for the heat-conduction equation. In the present case the new function is represented by the integral of equation (40) which is easily evaluated because of the negative exponential.

The first term on the right-hand side of equation (37) can now be evaluated with the aid of the convolution integral and the following relationship

$$L^{-1} \left[\frac{e^{-\sqrt{s}(r^*-1)}}{s} \right] = \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{r^*}} \right) \quad (41)$$

Thus

$$\begin{aligned} & L^{-1} \left[\frac{e^{-\sqrt{s}(r^*-1)}}{s} \right] \left[\frac{e^{\sqrt{s}(r^*-1)}}{\sqrt{s}} \frac{K_0(r^*\sqrt{s})}{K_0'(\sqrt{s})} + \frac{1}{\sqrt{sr^*}} \right] \\ &= \int_0^{r^*} \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{r^*} - \xi} \right) \frac{d\xi}{\sqrt{\pi\xi}} \int_0^\infty e^{-s^2/4\xi} W_O(s, r^*) ds \\ &= \int_0^\infty W_O(s, r^*) ds \int_0^{r^*} \frac{e^{-s^2/4\xi}}{\sqrt{\pi\xi}} \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{r^*} - \xi} \right) d\xi \\ &= \int_0^\infty W_O(s, r^*) \left\{ 2\sqrt{\frac{r^*}{\pi}} \exp \left[-\frac{(s + r^* - 1)^2}{4r^*} \right] - (s + r^* - 1) \operatorname{erfc} \left(\frac{s + r^* - 1}{2\sqrt{r^*}} \right) \right\} ds \end{aligned} \quad (42)$$

The second term on the right-hand side of equation (37) yields

$$L^{-1} \left[\frac{e^{-\sqrt{s}(r^*-1)}}{s^{3/2}} \right] = 2\sqrt{\frac{\tau^*}{\pi}} \exp \left[-\frac{(r^* - 1)^2}{4\tau^*} \right] - (r^* - 1) \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{\tau^*}} \right) \quad (43)$$

We can now write the solution to the problem in the r^*, τ^* coordinate system

$$\frac{w(\tau^*, r^*)}{a\tau_0/\mu} = \int_0^\infty w_o(s, r^*) \left\{ 2\sqrt{\frac{\tau^*}{\pi}} \exp \left[-\frac{(s+r^*-1)^2}{4\tau^*} \right] - (s+r^*-1) \operatorname{erfc} \left(\frac{s+r^*-1}{2\sqrt{\tau^*}} \right) \right\} ds - \\ \left\{ 2\sqrt{\frac{\tau^*}{\pi r^*}} \exp \left[-\frac{(r^*-1)^2}{4\tau^*} \right] - \frac{r^*-1}{\sqrt{r^*}} \operatorname{erfc} \left(\frac{r^*-1}{2\sqrt{\tau^*}} \right) \right\} \quad (44)$$

This equation can be used to calculate the fluid velocity by numerical integration using the tabulated values of $w_o(x, r)$. The negative exponential function aids convergence of the infinite integrals.

A systematic series of calculations has been carried out to establish the variation of velocity with time shown in figure 4. The velocity profiles given by $w(\tau^*, r^*)/w(\tau^*, 1)$ are shown in figure 5. To find a dimensionless type of velocity profile relatively insensitive to τ^* , it is first necessary to define a boundary-layer thickness. This is arbitrarily taken to be the radial distance at which the velocity falls to 1/100th of the velocity of the cylinder. The boundary-layer radius δ in multiples of the body radius on the basis of this definition is shown in figure 6. The approximate relationship for small values of τ^* , later derived, is also shown on the curve. The boundary-layer thickness tends to increase as the square root of the time.

The velocity profile can be specified in dimensionless form in terms of the coordinates $w(\tau^*, r^*)/w(\tau^*, 1)$ and $(r^* - 1)/(\delta^* - 1)$. These curves have been calculated for several values of δ^* and are presented in figure 7. An item of particular interest is that for values of δ^* from 0 up to 3, there is not much change in the shape of the velocity profile. This result means that the following method of specifying the velocity distribution for $\tau^* = 0$ will hold over the low range of values of τ^* . The explicit analytical results for $\tau^* = 0$ are obtained by the usual methods of Laplace transform theory as follows:

$$\frac{w(\tau^*, r^*)}{a\tau_0/\mu} = L^{-1} \left[\frac{1}{s^{3/2}} \frac{K_0(r^* \sqrt{s})}{K_0'(\sqrt{s})} \right] \quad (45)$$

$$K_O(r^* \sqrt{s}) \sim \sqrt{\frac{\pi}{2r^* \sqrt{s}}} e^{-r^* \sqrt{s}} \left(1 - \frac{1}{8r^* \sqrt{s}} + \dots \right) \quad (46)$$

$$K_O'(r^* \sqrt{s}) \sim -\sqrt{\frac{\pi}{2\sqrt{s}}} e^{-r^* \sqrt{s}} \left(1 + \frac{3}{8\sqrt{s}} + \dots \right) \quad (47)$$

$$\left(\frac{1}{s^{3/2}}\right) \frac{K_O(r^* \sqrt{s})}{K_O'(r^* \sqrt{s})} = -\frac{e^{-(r^*-1)\sqrt{s}}}{\sqrt{r^* s^{3/2}}} \left[1 - \left(\frac{3}{8} + \frac{1}{8r^*} \right) \frac{1}{\sqrt{s}} + O\left(\frac{1}{s}\right) \right] \quad (48)$$

Thus for small τ^*

$$\frac{w(\tau^*, r^*)}{a\tau_0/\mu} = -L^{-1} \left[\frac{1}{\sqrt{r^*}} \frac{e^{-(r^*-1)\sqrt{s}}}{s^{3/2}} \right] + L^{-1} \left[\frac{1}{8\sqrt{r^*}} \left(3 + \frac{1}{r^*} \right) \frac{e^{-(r^*-1)\sqrt{s}}}{s^2} \right] + \dots \quad (49)$$

Taking only the first term, we obtain for small τ^*

$$\frac{w(\tau^*, r^*)}{a\tau_0/\mu} \approx -\frac{1}{\sqrt{r^*}} \left\{ 2 \sqrt{\frac{\tau^*}{\pi}} \exp \left[-\frac{(r^* - 1)^2}{4\tau^*} \right] - (r^* - 1) \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{\tau^*}} \right) \right\} \quad (50)$$

and for $r^* = 1$

$$\frac{w(\tau^*, 1)}{a\tau_0/\mu} = -2 \sqrt{\frac{\tau^*}{\pi}} \quad (51)$$

The velocity profile is given by

$$\frac{w(\tau^*, r^*)}{w(\tau^*, 1)} = \frac{1}{\sqrt{r^*}} \left\{ \exp \left[-\frac{(r^* - 1)^2}{4\tau^*} \right] - \sqrt{\pi} \left(\frac{r^* - 1}{2\sqrt{\tau^*}} \right) \operatorname{erfc} \left(\frac{r^* - 1}{2\sqrt{\tau^*}} \right) \right\} \quad (52)$$

When $r^* = \delta^*$ the velocity has fallen to 1 percent of its surface value so that equation (52) gives

$$\exp \left[-\frac{(\delta^* - 1)^2}{4\tau^*} \right] - \sqrt{\pi} \left(\frac{\delta^* - 1}{2\sqrt{\tau^*}} \right) \operatorname{erfc} \left(\frac{\delta^* - 1}{2\sqrt{\tau^*}} \right) = \frac{\sqrt{\delta^*}}{100} \quad (53)$$

The solution to this equation is

$$\frac{\delta^* - 1}{2\sqrt{\tau^*}} = k \quad (54)$$

where k is a function of δ^* , and the velocity profile is then

$$\frac{w(\tau^*, r^*)}{w(\tau^*, 1)} = \frac{1}{\sqrt{r^*}} e^{-k^2 \left(\frac{r^*-1}{\delta^*-1} \right)^2} - \sqrt{\pi} k \left(\frac{r^* - 1}{\delta^* - 1} \right) \operatorname{erfc} \left[k \left(\frac{r^* - 1}{\delta^* - 1} \right) \right] \quad (55)$$

The solution to equation (53) when $\tau^* = 0$ and $r^* = \delta^* = 1$ is $k = 1.606$. Equation (55) then yields the $\tau^* = 0$ profile shown in figure 7. The profiles for the other values of τ^* shown in this figure were obtained by means of the exact method of equation (44). Included for comparison is the Blasius profile, with the boundary-layer thickness defined the same way as for the present calculations.

It should be noted that the $\tau^* = 0$ profile cannot be obtained from equation (44) but must be obtained analytically. It can be seen from figure 7 that the $\tau^* = 0$ profile gives a good approximation for all τ^* . To obtain a more accurate analytic profile for $\tau^* > 0$ equation (53) can be resolved to obtain a new value of k and equation (55) again used.

The present profiles are noticeably fuller than the Blasius profile, a reflection of the fact that the profile is for a constant shearing force rather than a constant cylinder velocity. For the case of constant cylinder velocity calculated by Batchelor, reference 9, the skin-friction variation with time for a cylinder closely follows that of an impulsively started flat plate (Rayleigh's problem).

Wave Drag of Quasi-Cylindrical Bodies: Corrugated Cylinder

Another example of the utility of the W functions is their use for the purpose of evaluating the wave drag of quasi-cylindrical bodies. The general formula for wave drag can easily be derived by integrating the pressure distributions. For $r = a$ equation (All) for the pressure coefficient yields

$$P = \frac{2}{\beta} \sum_{m=0}^{\infty} \cos m\theta \left[f_m(x) - \frac{1}{\beta a} \int_0^x f_m(\xi) W_m \left(\frac{x-\xi}{\beta a}, 1 \right) d\xi \right] \quad (56)$$

with the slope of the body given by

$$\left. \frac{dr_o}{dx} \right|_{r=a} = \sum_{m=0}^{\infty} f_m(x) \cos m\theta \quad (57)$$

The drag acting on a small element of the quasi-cylindrical body is

$$dD_B = qPa \frac{dr_o}{dx} d\theta dx \quad (58)$$

The total drag between stations $x = 0$ to $x = l$ is

$$D_B = \frac{2qa}{\beta} \int_0^l \int_0^{2\pi} \sum_{m=0}^{\infty} (\cos m\theta) \left[f_m(x) - \frac{1}{\beta a} \int_0^x f_m(\xi) W_m \left(\frac{x-\xi}{\beta a}, 1 \right) d\xi \right] \\ \sum_{n=0}^{\infty} [f_n(x) \cos n\theta] dx d\theta \quad (59)$$

With the definition

$$\begin{aligned} \lambda_{m,n} &= \int_0^{2\pi} \cos m\theta \cos n\theta d\theta \\ \lambda_{m,n} &= 0 \quad m \neq n \\ \lambda_m &= 2\pi \quad m = n = 0 \\ \lambda_m &= \pi \quad m = n \neq 0 \quad m, n \text{ integral} \end{aligned} \quad \left. \right\} \quad (60)$$

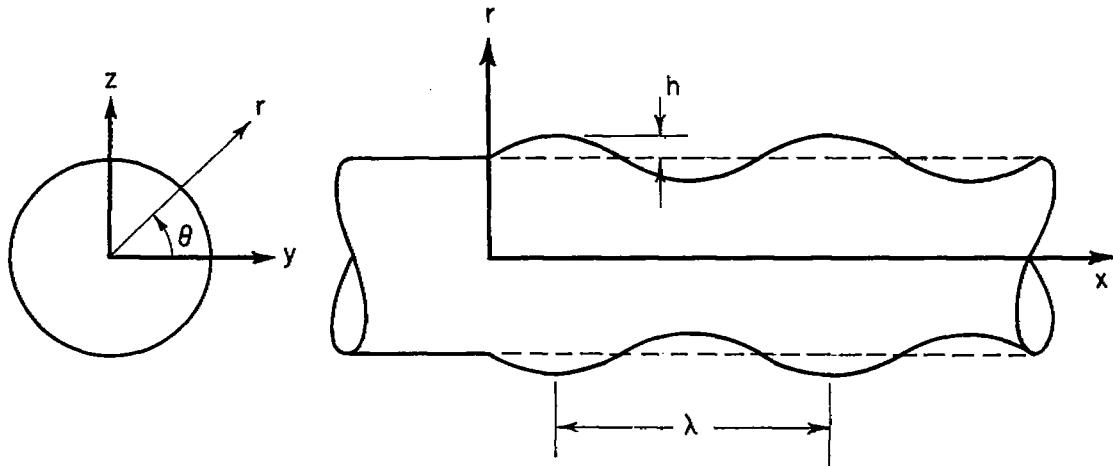
we establish the drag coefficient

$$\beta C_{D_B} = \frac{\beta D_B}{q\pi al} = \frac{2}{\pi l} \sum_{m=0}^{\infty} \lambda_m \left\{ \int_0^l \left[f_m(x) - \frac{1}{\beta a} \int_0^x f_m(\xi) W_m \left(\frac{x-\xi}{\beta a}, 1 \right) d\xi \right] f_m(x) dx \right\} \quad (61)$$

The drag of any quasi-cylindrical body at any supersonic Mach number can be obtained by a direct application of the preceding drag formula using the tabulated values of the $W_m(x, r)$ functions. For the case $m = 0$ of

an axially symmetric body, the formula can be put in terms of longitudinal area distribution similar to the well-known drag formula of slender-body theory.

A series of systematic calculations based on equation (61) have been made to determine how the wave drag of sinusoidally corrugated bodies varies with length of corrugation, λ , number of corrugations, n , and harmonic of corrugation, m .



Sketch (d)

The shape of the corrugations is specified by the coordinate system shown in sketch (d). If r_0 is the radius of the surface, we have

$$r_0 = a + h \sin 2\pi \frac{x}{\lambda} \cos m\theta \quad (62)$$

where λ is the corrugation length, and m the number of the harmonic.

$$\frac{dr_0}{dx} = \frac{2\pi h}{\lambda} \cos \frac{2\pi x}{\lambda} \cos m\theta \quad (63)$$

The value of $f(x)$ is thus

$$f_m(x) = \frac{2\pi h}{\lambda} \cos 2\pi \frac{x}{\lambda} \quad (64)$$

and is taken independent of m . The drag coefficient of the corrugated body is easily calculated by substituting $f_m(x)$ from equation (64) into equation (61) and performing a numerical or graphical integration.

Before examining the results of the systematic calculations, let us determine the drag of the corrugated body on the basis of two-dimensional flow. This drag will act as a standard by which to normalize the three-dimensional drag coefficients. In this manner we can see how important the three-dimensional nature of the flow is in determining the drag. The two-dimensional drag is calculated by neglecting the W_m term in equation (61) since all three-dimensional effects enter through this term. Thus, based on two-dimensional theory,

$$\begin{aligned} \beta C_{D_2} &= \frac{2}{\pi l} \lambda_m \int_0^{n\lambda} f_m^2(x) dx \\ &= \frac{2}{\pi l} \lambda_m \left(\frac{2\pi h}{\lambda} \right)^2 \int_0^{n\lambda} \cos^2 2\pi \frac{x}{\lambda} dx \\ &= \frac{2}{\pi l} \lambda_m \left(\frac{2\pi h}{\lambda} \right)^2 \left(\frac{n\lambda}{2} \right) \end{aligned} \quad (65)$$

$$\left. \begin{aligned} \beta C_{D_2} &= 2 \left(\frac{2\pi h}{\lambda} \right)^2 & m = 0 \\ \beta C_{D_2} &= \left(\frac{2\pi h}{\lambda} \right)^2 & m = 1, 2, 3, \dots \end{aligned} \right\} \quad (66)$$

The ratio of the drag calculated by three-dimensional theory, equation (61), to that by two-dimensional theory, equation (66), is plotted as a function of wave length in figure 8 for bodies with one corrugation and with an infinite number of corrugations. Examining the results for $m = 0$, the axially symmetric case, we see that an increase in wave length to many multiples of the body radius will effect some drag reduction below the two-dimensional value. However, it is seen that the drag coefficient is very insensitive to the number of corrugations. What this means is that for a corrugation of the present type, the interference of all upstream corrugations is negligible. The drag reduction below the two-dimensional value comes about almost entirely through interference between the various parts of a single corrugation.

The case for $m = 4$ presents a somewhat different picture from the $m = 0$ case. The result of three-dimensional effects is to cause an increase in wave drag before the large decrease. There is a substantial difference between the $n = 1$ and $n = \infty$ cases for the longer wave lengths, showing some appreciable effect of interference on a given corrugation because of the upstream corrugations.

It should be stated that the drag coefficient for an infinite number of corrugations can be obtained in closed form on the basis of work in reference 11. For an infinitely long corrugated body given by

$$r_0 = a + h \cos fx \cos m\theta ; \quad f = \frac{2\pi}{\lambda} \quad (67)$$

the potential for the flow is

$$\begin{aligned} \phi &= \left(\frac{Vh}{\beta} \right) \frac{J_m'(\beta fa) J_m(\beta fr) + Y_m'(\beta fa) Y_m(\beta fr)}{[J_m'(\beta fa)]^2 + [Y_m'(\beta fa)]^2} \cos fx \cos n\theta + \\ &\quad \left(\frac{Vh}{\beta} \right) \frac{J_m'(\beta fa) Y_m(\beta fr) - Y_m'(\beta fa) J_m(\beta fr)}{[J_m'(\beta fa)]^2 + [Y_m'(\beta fa)]^2} \sin fx \cos n\theta \end{aligned} \quad (68)$$

The drag per corrugation is

$$\left. \begin{aligned} \frac{D}{q} &= \frac{8\pi h^2/\beta^2}{J_1^2(\beta fa) + Y_1^2(\beta fa)} ; & m = 0 \\ \frac{D}{q} &= \frac{4\pi h^2/\beta^2}{[J_m'(\beta fa)]^2 + [Y_m'(\beta fa)]^2} ; & m = 1, 2, 3, \dots \end{aligned} \right\} \quad (69)$$

OTHER APPLICATIONS

To suggest further uses of the W functions several other problems to which they are applicable will now be described. The problems to be mentioned will be classed under the headings of bodies alone, body-body or shock-body interference, wing-body interference, vortex-panel interference, and nonaeronautical applications. In all cases the bodies are assumed quasi-cylindrical and of nearly circular cross section.

Bodies Alone

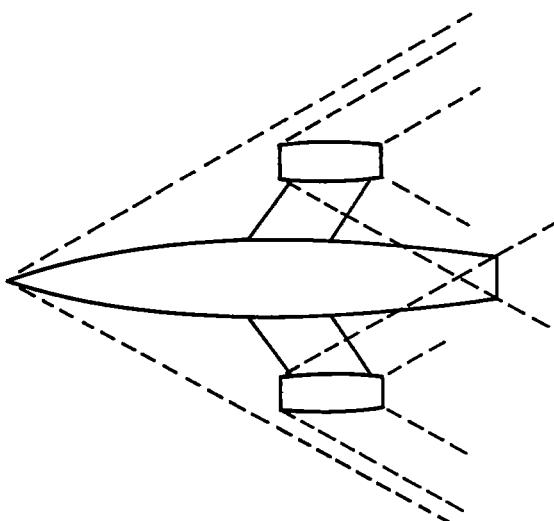
By the use of the present tables, the pressures can be calculated for any quasi-cylindrical body, no matter how irregular. The number of harmonics required to give a good approximation to the pressure field depends on the number of harmonics necessary to obtain a good representation of the cross-sectional shape at various crossflow planes. A use to which the $W_0(x, l)$ function has been applied by Lighthill in reference 3

is the calculation of the pressures on the outside of a duct model at $M = 1.5$. Another example of a body-alone application is the unsteady slender-body solution obtained by using the wave equation in crossflow planes rather than Laplace's equation. This intuitive approach was used by Miles, reference 12, to calculate the transient loading on slender bodies of revolution. Miles concludes the method is useful for obtaining asymptotic results. What further usefulness the method has, if any, remains to be seen.

Body-Body or Shock-Body Interference

Frequently a body acts in the flow field of another body as in the case pictured in sketch (e). The interference field on the satellite bodies and on the central body can be calculated to the order of quasi-cylindrical theory. The effect of pylons can also be included.

Friedman and Cohen, reference 13, have calculated the minimum wave drag for configurations similar to that of sketch (e) but using pointed slender satellites. The simplifying assumptions made in their analysis are violated for positions of the satellites near the body. Such positions can be handled by the present method although multiple reflection will unquestionably complicate the problem.



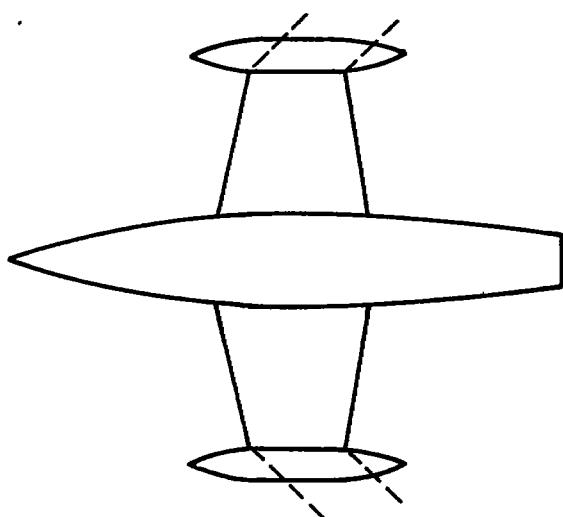
Sketch (e)

An example of shock-body interference to which the present functions have been applied is the calculation of the pressure field acting on a circular cylinder intersected by an oblique-plane shock. This work was accomplished by Phinney in reference 7. For this application functions of odd and even orders are required.

Wing-Body Interference

The W functions of all even orders but zero originally were calculated to solve problems of wing-body interference in supersonic flow; in particular, the interference pressure field between a circular body and a flat rectangular wing, reference 1. It is possible to determine similar pressure fields associated with wing incidence and angle of attack for combinations employing wings with swept leading edges, provided the

edges are supersonic. The necessary velocity amplitude functions for the wing-incidence case are listed in the Appendix of reference 6. It is possible to calculate the pressure field of quasi-cylindrical body-wing combinations, provided they possess a horizontal plane of symmetry and are acting at zero angle of attack. In view of this fact, it is possible to determine the shape for minimum wave drag of such configurations. This has been done for certain swept-wing configurations at supersonic speeds in reference 14. This method can, in principle, be applied to quasi-cylindrical configurations which are not slender, whereas the supersonic area rule cannot.

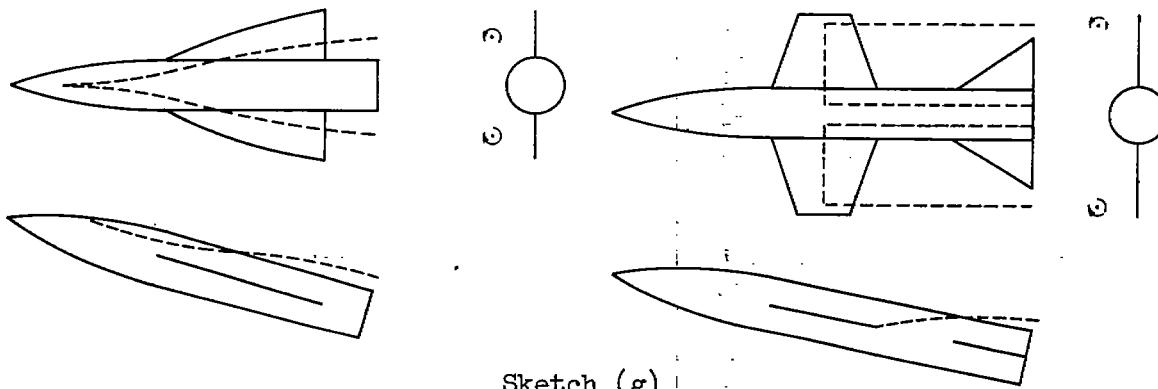


Sketch (f)

Another problem of wing-body interference that can be solved by the present tables is the calculation of the pressure field on the tip tank of a symmetrical configuration such as that shown in sketch (f). For zero angle of attack W functions of odd and even order are needed to calculate the pressure field. For the pressure field due to wing incidence or angle of attack of the configuration, it is necessary to use W functions of fractional order; namely, $W_{1/2}$, $W_{3/2}$, $W_{5/2}$, etc. It is to be noted that these functions can be calculated in terms of known functions, and the first two have already been given in the section on mathematical properties of the $W_m(x,r)$ functions.

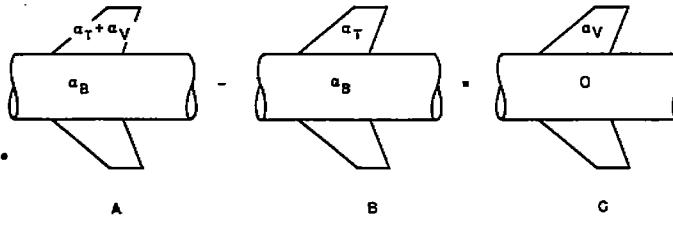
Vortex-Panel Interference

Vortex interference on wing panels can occur as a result of vortices arising on the nose of a body sweeping over the wing panels as shown in sketch (g). Similar interference arises as the result of wing vortices

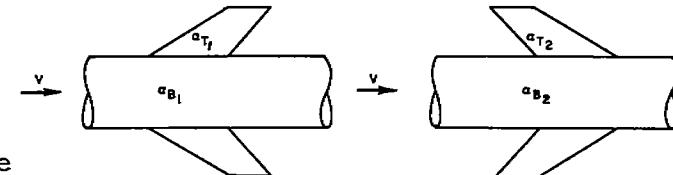


sweeping past tail panels. The action of the vortices and their images to the first approximation is to cause a variation in the local angle of attack at each spanwise station with negligible chordwise camber. Accordingly, the wing panels can be assumed to be twisted by the amount of the change in local angle of attack due to the vortices, and to act in a uniform stream. No change in body shape is required because the vortices and images produce no flow normal to the body. It is possible to calculate the total lift on the tail panels and that on the body due to the vortices using reversibility theorems similar to those of Heaslet and Spreiter in reference 15.

Consider the tail to be uniformly at angle of attack α_T and the body at angle of attack α_B . Let α_V be the angle of attack induced on the tail by the vortices, and assume it to depend only on lateral position, y , although this restriction is not mandatory. The value of α_V for the body is zero since the external and image vortices produce no flow normal to the body surface. Consider the decomposition of the boundary conditions shown in sketch (h). Condition A represents the body-tail combination with vortex effects and condition B represents the body-tail combination without vortex effects. Thus condition C represents vortex effects on the body-tail combination. To evaluate the lifts on tail and body in condition C, let us use the reversibility theorem for the conditions of sketch (i).



Sketch (h)



Sketch (i)

Let ΔP_1 be the loading on the sweptback combination and ΔP_2 be the loading on the sweptforward combination with angles of attack as indicated. Then

$$\iint_{S_B} \Delta P_1 \alpha_{B_2} dS_B + \iint_{S_T} \Delta P_1 \alpha_{T_2} dS_T = \iint_{S_B} \Delta P_2 \alpha_{B_1} dS_B + \iint_{S_T} \Delta P_2 \alpha_{T_1} dS_T \quad (70)$$

where S_T is the tail-panel area and S_B is the body plan-form area. The loading coefficients and angles of attack are to be taken at corresponding points in direct and reversed flow. To obtain the lift on the tail panels due to the vortex, let

$$\alpha_{B_1} = 0, \quad \alpha_{T_1} = \alpha_V, \quad \alpha_{B_2} = 0, \quad \alpha_{T_2} = 1 \quad (71)$$

and call the loading on the reversed combination due to unit tail incidence $(\Delta P)_{\alpha_T=1}$. Equation (70) then gives

$$\frac{L_T(V)}{q} = \iint_{S_T} (\Delta P)_1 dS_T = \iint_{S_T} (\Delta P)_{\alpha_T=1} \alpha_V dS_T \quad (72)$$

where $L_T(V)$ is the lift on the tail panels due to the vortices. Since α_V depends only on y , we can carry out a chordwise integration

$$\iint_{S_T} (\Delta P)_{\alpha_T=1} \alpha_V dS_T = \int_{root}^{tip} \alpha_V dy \int_{le}^{te} (\Delta P)_{\alpha_T=1} dx \quad (73)$$

The chordwise integration from leading edge to trailing edge yields $(cc_l)_{\alpha_T=1}$, the span loading associated with $(\Delta P)_{\alpha_T=1}$. Thus

$$\frac{L_T(V)}{q} = \int_{root}^{tip} (cc_l)_{\alpha_T=1} \alpha_V dy \quad (74)$$

The lift on the tail panels due to the vortex can thus be obtained by integrating the product of the local span loading and angle of attack across the panel as in strip theory.

Thus the span loading on the tail for unit-tail incidence for the combination in reversed flow is the influence coefficient for calculating the panel load due to the vortices by strip theory. To obtain (cc_l) for the combination requires solving a wing-body interference problem which can be done by W function methods. The values of span loading for rectangular panels and body combinations are given in reference 1, and can be used to calculate lifts on rectangular tails in nonuniform streams.

To obtain the lift on the body due to the vortices, let

$$\alpha_{B_1} = 0, \quad \alpha_{T_1} = \alpha_V, \quad \alpha_{B_2} = 1, \quad \alpha_{T_2} = 0 \quad (75)$$

in equation (70). Call the loading on the reversed combination due to unit angle of attack of the body $(\Delta P)_{\alpha_B=1}$. Then the lift on the body due to the vortices is

$$\frac{L_B(v)}{q} = \iint_{S_B} (\Delta P)_1 dS_B = \iint_{S_T} (\Delta P)_{\alpha_B=1} \alpha_v dS_T \quad (76)$$

Since α_v depends only on y , we can integrate out the chordwise distance to obtain

$$\frac{L_B(v)}{q} = \int_{\text{root}}^{\text{tip}} (cc_l)_{\alpha_B=1} \alpha_v dy \quad (77)$$

It is seen that the span loading on the tail due to unit body angle of attack for the combination in reversed flow is the influence coefficient for calculating the body lift due to the vortices by strip theory. The values of $(cc_l)_{\alpha_B=1}$ for rectangular panels is given in reference 1.

Nonaerodynamic Applications

Acoustics. - The direct acoustic analog of the wing-body interference problem involves the two-dimensional sound waves generated by a pulsating circular boundary which was initially quiescent. The potential for such a sound field obeys the wave equation

$$\frac{\partial^2 \phi}{\partial x^2} + \frac{\partial^2 \phi}{\partial y^2} = \frac{1}{c^2} \frac{\partial^2 \phi}{\partial t^2} \quad (78)$$

where c is the speed of sound in the undisturbed medium and t is the time. The boundary conditions are

$$\left. \begin{array}{l} \phi = 0 ; \quad t < 0 \\ \frac{\partial \phi}{\partial r} = \sum_{n=0}^{\infty} a_n(t) \cos n\theta \quad \text{at } r = a \\ \phi \rightarrow 0 \quad \text{as } r \rightarrow \infty \end{array} \right\} \quad (79)$$

The second boundary condition specifies the shape of the pulsating circle as a function of time. The solution to the problem is readily obtained in terms of W functions.

Heat conduction.- The solution for the velocity profile developed by a circular cylinder in a viscous fluid can be applied to the two-dimensional heat conduction from a circular cavity into an infinite surrounding medium where the heat is transferred uniformly at a given rate around the circumference. Let q be the rate heat is supplied at the periphery for unit area per unit time, and let the temperature T depend only on radial distance r . The analog is then as follows:

Viscous Flow

Variables:

w , axial velocity

t , time

Heat Conduction

T , temperature

t , time

Differential equation:

$$\frac{\partial^2 w}{\partial x^2} + \frac{\partial^2 w}{\partial y^2} = \frac{1}{\nu} \frac{\partial w}{\partial t}$$

$$\frac{\partial^2 T}{\partial x^2} + \frac{\partial^2 T}{\partial y^2} = \frac{1}{k} \frac{\partial T}{\partial t}$$

ν = kinematic viscosity

k = thermal diffusivity

Boundary conditions:

$$w = 0 ; \quad t < 0$$

$$T = 0 ; \quad t < 0$$

$$\frac{\partial w}{\partial r} = \frac{\tau_0}{\mu} H(t) ; \quad r = a$$

$$\frac{\partial T}{\partial r} = \frac{q}{k} H(t) ; \quad r = a$$

τ_0 = skin friction

q = heat-conduction rate

μ = absolute viscosity

k = thermal diffusivity

$H(t)$ = Heaviside step function

Dimensionless variables:

$$\tau^* = vt/a^2$$

$$\tau^* = kt/a^2$$

$$r^* = r/a$$

$$r^* = r/a$$

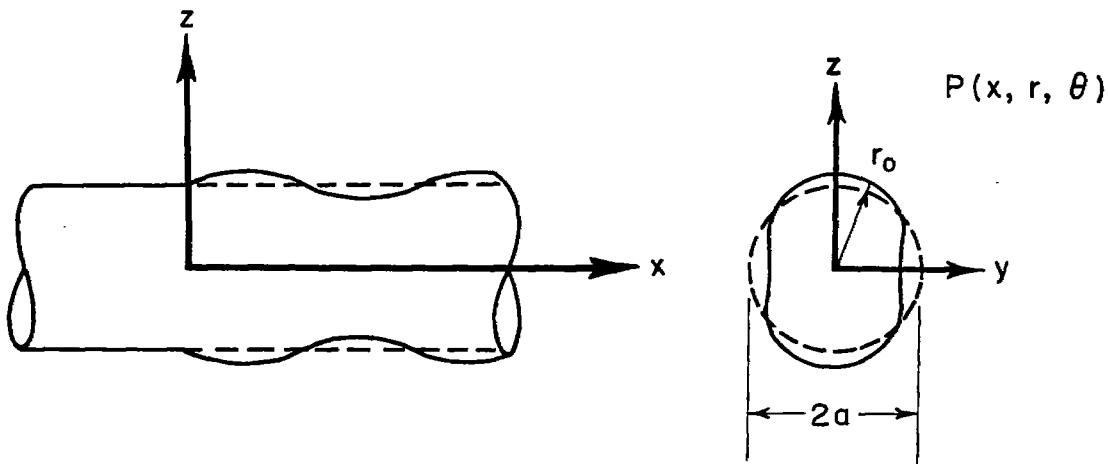
The analog shown here permits the calculated results for viscous flow to be directly applied to heat conduction. If the quantity q varies with angle around the circumference, then W functions of order higher than W_0 will be involved in the solution.

Other fields.- For any physical phenomenon obeying the two-dimensional wave equation or the unsteady heat-conduction equation, problems solvable by W functions can be constructed. The boundary-value problems should generally be those of the second kind with circular boundaries; that is, the normal derivative of the function should be specified on the circular boundary. An essential feature is that the entire field should be quiescent for all time less than a certain time. For problems in which the motion has been going on forever, such as sinusoidal oscillations, the W functions will not usually enter the solution. The infinite corrugated cylinder is an example. Some fields in which analogs can be constructed include oscillations of a free fluid surface under the action of gravity, vibration of membranes, acoustic waves of vibrating strings, etc.

Ames Aeronautical Laboratory
National Advisory Committee for Aeronautics
Moffett Field, Calif., Sept. 26, 1956

APPENDIX A

PRESSURE FIELD DUE TO QUASI-CYLINDRICAL BODY



Sketch (j)

Consider an infinitely long surface which lies everywhere near the cylinder $r = a$ and which deviates only slightly in streamwise slope from the stream direction as shown in sketch (j). For such a quasi-cylindrical body the local body radius, r_0 , may be taken nearly equal to the constant radius, a , of the cylinder. Let the streamwise slope of the quasi-cylinder be specified by

$$\left. \frac{dr_0}{dx} \right|_{r_0=a} = \sum_{m=0}^{\infty} [f_m(x)\cos m\theta + g_m(x)\sin m\theta] \quad (A1)$$

and

$$r_0 = a \quad \text{when } x = 0 \quad (A2)$$

The cosine terms apply to a quasi-cylinder, the horizontal plane of which is a plane of symmetry. The sine terms apply when the surface slopes dr_0/dx are reversed for corresponding points above and below the horizontal plane. Let us now derive an expression for the pressure field external to a quasi-cylinder with a horizontal plane of symmetry retaining only the cosine terms. The analysis is identical for the sine terms.

The linearized differential equation of steady supersonic compressible potential flow to be satisfied is

$$\beta^2 \Phi_{xx} - \Phi_{rr} - \frac{1}{r} \Phi_r - \frac{1}{r^2} \Phi_{\theta\theta} = 0 \quad (A3)$$

We introduce Φ , the Laplace transform of ϕ ,

$$\Phi(s) = \int_0^\infty e^{-sx} \phi(x) dx \quad (A4)$$

subject to the boundary conditions that

$$\phi(x) = 0 \quad x \leq 0$$

Then the transformed equation is

$$\Phi_{rr} + \frac{1}{r} \Phi_r + \frac{1}{r^2} \Phi_{\theta\theta} - \beta^2 s^2 \Phi = 0 \quad (A5)$$

The solution of this transformed equation subject to the boundary conditions of equation (A1) and of no upstream waves is

$$\Phi = \frac{V}{\beta s} \sum_{m=0}^{\infty} F_m(s) \frac{K_m(\beta sr)}{K_m'(\beta sa)} \cos m\theta \quad (A6)$$

The pressure coefficient is

$$P = -\frac{2(\partial\phi/\partial x)}{V} = -\frac{2}{\beta} L^{-1} \left[\sum_{m=0}^{\infty} F_m(s) \frac{K_m(\beta sr)}{K_m'(\beta sa)} \cos m\theta \right] \quad (A7)$$

To determine the inverse Laplace transform of equation (A7) requires the introduction of some previously untabulated functions defined as inverse Laplace transforms.

$$W_m(x, r) \equiv L^{-1} \left[e^{s(r-1)} \frac{K_m(sr)}{K_m'(s)} + \frac{1}{\sqrt{r}} \right] \quad (A8)$$

From this definition and the properties of Laplace transforms, the following equalities can be written

$$L^{-1} \left[F_m(s) e^{-\beta a s \left(\frac{r}{a} - 1 \right)} \right] = f_m \left[x - \beta a \left(\frac{r}{a} - 1 \right) \right] \quad (A9)$$

$$L^{-1} \left[e^{\beta a s \left(\frac{r}{a} - 1 \right)} \frac{K_m(\beta s r)}{K_m'(\beta s a)} + \frac{1}{\sqrt{r/a}} \right] = \frac{1}{\beta a} W_m \left(\frac{x}{\beta a}, \frac{r}{a} \right) \quad (A10)$$

From these equalities the pressure coefficient anywhere in the external field can be written for any quasi-cylinder of nearly circular cross section.

$$P = \frac{2}{\beta} \sum_{m=0}^{\infty} \cos m\theta \left\{ \frac{f_m[x - \beta a(r/a - 1)]}{\sqrt{r/a}} - \frac{1}{\beta a} \int_0^{x - \beta a \left(\frac{r}{a} - 1 \right)} f_m(\xi) W_m \left[\frac{x}{\beta a} - \left(\frac{r}{a} - 1 \right) - \frac{\xi}{\beta a}, \frac{r}{a} \right] d\xi \right\} \quad (A11)$$

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$W_0(x,r)$

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.54	.17076162	.14430609	.11474546	.09798424	.98687848
.55	.16974393	.14344934	.11406395	.09740109	.98636043
.56	.16873435	.14259943	.11338793	.09682854	.98584657
.57	.16773280	.14175631	.11281732	.09624884	.98533685
.58	.16673919	.14091989	.11205208	.09567954	.98483122
.59	.16575344	.14009012	.11139215	.09511500	.98432896
.60	.16477548	.13926692	.11073747	.09455487	.98383210
.61	.16380522	.13845023	.11008800	.09399981	.98333852
.62	.16284260	.13763998	.10944367	.09344797	.98284887
.63	.16188752	.13683610	.10880445	.09290110	.98236318
.64	.16093992	.13603854	.10817027	.09235856	.98188122
.65	.15999973	.13524723	.10754108	.09182031	.98140314
.66	.15906687	.13446210	.10691684	.09128830	.98092883
.67	.15814126	.13368310	.10629750	.09075650	.98045826
.68	.15722283	.13291017	.10568300	.09023085	.97999139
.69	.15631152	.13214324	.10507331	.08970932	.97952819
.70	.15540726	.13138225	.10446836	.08919187	.97906861
.71	.15450997	.13062715	.10386812	.08867845	.97861263
.72	.15361958	.12987788	.10327253	.08816903	.97816020
.73	.15273604	.12913439	.102868155	.08766357	.97771129
.74	.15185927	.12839660	.10209515	.08716202	.97726567
.75	.15098920	.12766448	.10151326	.08666435	.97682390

$W_0(x, r)$

X	I	1.1	1.25	1.5	2.0
.75	.29799576	.28042549	.25854886	.23046551	.19877630
.76	.29610162	.27867322	.25696562	.22908719	.19165308
.77	.29422305	.27693510	.25539491	.22771958	.19063845
.78	.29235990	.27521099	.25383661	.22635257	.18943233
.79	.29051201	.27350075	.25229060	.22501606	.18833463
.80	.28867938	.27180423	.25075677	.22367994	.18724527
.81	.28686138	.27012131	.24923499	.22233541	.18616418
.82	.28505833	.26845184	.24772514	.22103850	.18509127
.83	.28326993	.26667956	.24622711	.21973297	.18402647
.84	.28149603	.26515273	.24474079	.21843745	.18296970
.85	.27973648	.26352884	.24326606	.21715184	.18192089
.86	.27779113	.26190587	.24180280	.21587604	.18087995
.87	.27625985	.26030171	.24035092	.21460996	.17984688
.88	.27454249	.25871023	.23891029	.21338351	.17888143
.89	.27283891	.25713130	.23748081	.21210659	.17780369
.90	.27114899	.25556480	.23606237	.21086913	.17679354
.91	.26947257	.25401062	.23465488	.20964103	.17579028
.92	.26780953	.25246862	.23320582	.20842819	.17479573
.93	.26615973	.25093869	.23187282	.20721254	.17380793
.94	.26452305	.24942078	.23049697	.20601199	.17282744
.95	.26289935	.24791459	.22913819	.20482046	.17185419
.96	.26128851	.24642019	.22777784	.20363785	.17088812
.97	.25969039	.24493739	.22643382	.20246410	.16992916
.98	.25810489	.24346610	.22510004	.20129911	.16897725
.99	.25653186	.24200620	.22377638	.20014280	.16803232
1.00	.25497120	.24055757	.22246277	.19899510	.16709430
1.01	.25342277	.23912013	.22115911	.19785592	.16616314
1.02	.25188647	.23769375	.21985530	.19672519	.16523877
1.03	.25036217	.23627833	.21858185	.19560883	.16432113
1.04	.24886497	.23487377	.21730688	.19448876	.16341015
1.05	.24734913	.23347997	.21604208	.19338891	.16250579
1.06	.24586015	.23209682	.21478678	.19228580	.16160798
1.07	.24438272	.23072422	.21354089	.19111957	.16071666
1.08	.24291673	.22936208	.21230431	.19011139	.15983176
1.09	.24146207	.22801029	.21107696	.18904020	.15895325
1.10	.24001863	.22666877	.20985877	.18797433	.15808105
1.11	.23858631	.22533741	.20864963	.18691625	.15721511
1.12	.23716499	.22401611	.20744948	.18586598	.15635538
1.13	.23575457	.22370479	.20625623	.18482313	.155550180
1.14	.23435349	.22140336	.20507579	.18378797	.15465431
1.15	.23296604	.22011171	.20390209	.18276031	.15381286
1.16	.23158773	.21882977	.20273705	.18174009	.15297740
1.17	.23021991	.21755743	.20158059	.18072724	.15214788
1.18	.22866249	.21629462	.20043263	.17972170	.15132424
1.19	.22751537	.21504124	.19929310	.17872340	.15050643
1.20	.22617846	.21379721	.19816192	.17773228	.14969441
1.21	.224852	.212562	.197039	.176748	.148888
1.22	.223535	.211317	.195984	.175771	.148087
1.23	.222828	.210120	.194818	.174801	.147293
1.24	.220931	.208913	.193719	.173838	.146503
1.25	.219644	.207714	.192629	.172882	.145719
1.26	.218366	.206525	.191546	.171933	.144941
1.27	.217098	.205344	.190471	.170990	.144168
1.28	.215839	.204171	.189404	.170054	.143400
1.29	.214590	.203008	.188345	.169125	.142638
1.30	.213350	.201853	.187293	.168202	.141881
1.31	.212120	.200706	.186849	.167288	.141130
1.32	.210898	.199568	.185818	.166376	.140383
1.33	.209686	.198438	.184183	.165473	.139642
1.34	.208488	.197316	.183161	.164576	.138906
1.35	.207287	.196202	.182147	.163685	.138174
1.36	.206101	.195097	.181140	.162801	.137448
1.37	.204924	.193999	.180140	.161922	.136787
1.38	.203756	.192910	.179147	.161050	.135611
1.39	.202596	.191828	.178161	.160184	.135300
1.40	.201445	.190754	.177182	.159324	.134594
1.41	.200302	.189688	.176210	.158470	.133898
1.42	.199167	.188630	.175244	.157628	.133195
1.43	.198040	.187579	.174286	.156779	.132503
1.44	.196922	.186535	.173335	.155943	.131816
1.45	.195812	.185500	.172390	.155118	.131133
1.46	.194710	.184471	.171451	.154287	.130455
1.47	.193616	.183450	.170520	.153468	.129781
1.48	.192530	.182436	.169594	.152654	.129112
1.49	.191451	.181429	.168675	.151846	.128448
1.50	.190380	.180429	.167763	.151043	.127788

$W_o(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
.75	15098920	12766448	10151326	.08666435	.07682390
.76	15012578	12693796	10036585	.08617053	.07638534
.77	14926893	12621699	10036287	.08568050	.07595018
.78	14841860	12550153	09979428	.08519424	.07551836
.79	14757472	12479149	09983004	.08471172	.07508986
.80	14673723	12408685	09867011	.08423288	.07466464
.81	14590607	12338755	09811444	.08375770	.07424269
.82	14508117	12269353	09756299	.08328615	.07382395
.83	14426249	12200475	09701573	.08281818	.07340840
.84	14344995	12132116	09642760	.08235377	.07299602
.85	14264351	12064271	09593358	.08189287	.07258677
.86	14184310	11996935	09539862	.08143546	.07218061
.87	14104866	11930102	09486769	.08098150	.07177753
.88	14026015	11863769	09434074	.08053096	.07137749
.89	13947750	11797930	09381774	.08008380	.07098046
.90	13870066	11732582	09329865	.07964000	.07058642
.91	13792958	11667718	09278343	.07919952	.07019533
.92	13716420	11603336	09227205	.07876233	.06980717
.93	13640447	11539429	09176447	.07832841	.06942194
.94	13565033	11475995	09126066	.07789771	.06903952
.95	13490174	11413027	09076058	.07747021	.06865998
.96	13415864	11350523	09026420	.07704588	.06828326
.97	13342098	11288478	08977147	.07662469	.06790933
.98	13268872	11226887	08928237	.07620661	.06753816
.99	13196180	11165747	08879687	.07579161	.06716974
1.00	13124017	11105053	08831493	.07537966	.06680404
1.01	13052379	11044801	08783651	.07497074	.06644102
1.02	12981261	10984987	08736159	.07456481	.06608067
1.03	12910657	10925607	08689013	.07416186	.06572296
1.04	12840565	10866657	08642211	.07376184	.06536786
1.05	12770977	10808133	08595748	.07336474	.06501536
1.06	12701891	10750038	08549622	.07297053	.06466543
1.07	12633302	10692349	08503830	.07257918	.06431804
1.08	12565205	10635080	08458369	.07219067	.06397318
1.09	12497596	10578223	08413235	.07180496	.06363081
1.10	12430469	10521773	08368426	.07142204	.06329092
1.11	12363823	10465727	08323939	.07104188	.06295349
1.12	12297650	10410080	08279771	.07066445	.06261848
1.13	12231949	10354830	08235919	.07028973	.06228589
1.14	12166713	10299973	08192381	.06991770	.06195568
1.15	12101940	10245505	08149152	.06954833	.06162784
1.16	12037625	10191423	08106232	.06918159	.06130235
1.17	11973764	10137723	08063616	.06881747	.06097918
1.18	11910354	10084403	08021303	.06845594	.06065831
1.19	11847389	10031456	07979289	.06809697	.06033973
1.20	11784866	09978886	07937572	.06774055	.06002340
1.21	117228	099867	.078961	.067387	.059709
1.22	116611	098748	.078550	.067035	.059397
1.23	115999	098234	.078142	.066686	.059088
1.24	115391	097723	.077736	.066340	.058780
1.25	114788	097215	.077333	.065996	.058475
1.26	114188	096711	.076934	.065654	.058172
1.27	113593	096210	.076536	.065315	.057871
1.28	113001	095713	.076142	.064978	.057572
1.29	112414	095220	.075751	.064644	.057275
1.30	111831	094729	.075362	.064311	.056980
1.31	111252	094243	.074975	.063982	.056688
1.32	110677	093759	.074592	.063654	.056397
1.33	110106	093279	.074811	.063329	.056108
1.34	109539	092802	.073833	.063006	.055822
1.35	108976	092328	.073457	.062685	.055537
1.36	108416	091858	.073084	.062366	.055254
1.37	107860	091391	.072714	.062050	.054973
1.38	107308	090927	.072346	.061735	.054695
1.39	106760	090466	.071980	.061423	.054418
1.40	106216	090008	.071617	.061113	.054143
1.41	105675	089554	.071257	.060870	.053870
1.42	105138	089102	.070899	.060500	.053598
1.43	104605	088654	.070543	.060196	.053329
1.44	104075	088208	.070190	.059894	.053061
1.45	103548	087766	.069839	.059595	.052795
1.46	103026	087326	.069491	.059297	.052531
1.47	102506	086890	.069144	.059002	.052269
1.48	101991	086456	.068801	.058708	.052009
1.49	101478	086025	.068459	.058417	.051750
1.50	100969	085598	.068120	.058127	.051493

$W_0(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
1.50	1.903	1.804	1.677	1.510	1.277
1.51	1.893	1.794	1.669	1.508	1.271
1.52	1.883	1.785	1.660	1.495	1.265
1.53	1.872	1.775	1.651	1.487	1.258
1.54	1.862	1.765	1.642	1.479	1.252
1.55	1.851	1.755	1.633	1.471	1.246
1.56	1.841	1.746	1.624	1.463	1.239
1.57	1.831	1.736	1.616	1.456	1.233
1.58	1.821	1.727	1.607	1.448	1.227
1.59	1.811	1.717	1.598	1.441	1.220
1.60	1.801	1.708	1.590	1.433	1.214
1.61	1.791	1.699	1.581	1.426	1.208
1.62	1.781	1.690	1.573	1.418	1.202
1.63	1.771	1.681	1.565	1.411	1.196
1.64	1.762	1.672	1.556	1.404	1.190
1.65	1.752	1.663	1.548	1.396	1.184
1.66	1.743	1.654	1.540	1.389	1.178
1.67	1.733	1.645	1.532	1.382	1.172
1.68	1.724	1.636	1.524	1.375	1.166
1.69	1.714	1.627	1.516	1.368	1.161
1.70	1.705	1.618	1.508	1.361	1.155
1.71	1.696	1.610	1.500	1.354	1.149
1.72	1.687	1.601	1.498	1.347	1.143
1.73	1.678	1.593	1.484	1.340	1.138
1.74	1.669	1.584	1.477	1.333	1.132
1.75	1.660	1.576	1.469	1.327	1.126
1.76	1.651	1.568	1.461	1.320	1.121
1.77	1.642	1.559	1.454	1.313	1.115
1.78	1.633	1.551	1.446	1.306	1.110
1.79	1.624	1.543	1.439	1.300	1.104
1.80	1.616	1.535	1.431	1.293	1.099
1.81	1.607	1.527	1.424	1.287	1.094
1.82	1.598	1.519	1.417	1.280	1.088
1.83	1.590	1.511	1.409	1.274	1.083
1.84	1.583	1.503	1.402	1.267	1.078
1.85	1.573	1.495	1.398	1.261	1.072
1.86	1.565	1.487	1.388	1.255	1.067
1.87	1.557	1.480	1.381	1.249	1.062
1.88	1.548	1.472	1.374	1.242	1.057
1.89	1.540	1.464	1.367	1.236	1.052
1.90	1.532	1.457	1.360	1.230	1.047
1.91	1.524	1.449	1.353	1.224	1.042
1.92	1.516	1.442	1.346	1.218	1.037
1.93	1.508	1.434	1.339	1.212	1.032
1.94	1.500	1.427	1.332	1.206	1.027
1.95	1.493	1.419	1.326	1.200	1.022
1.96	1.485	1.412	1.319	1.194	1.017
1.97	1.477	1.405	1.312	1.188	1.012
1.98	1.469	1.398	1.306	1.182	1.007
1.99	1.462	1.391	1.299	1.176	1.002
2.00	1.454	1.384	1.293	1.171	.9998
2.01	1.447	1.376	1.286	1.165	.9993
2.02	1.439	1.369	1.280	1.159	.9988
2.03	1.432	1.363	1.273	1.154	.9984
2.04	1.424	1.356	1.267	1.148	.9979
2.05	1.417	1.349	1.261	1.142	.9974
2.06	1.410	1.342	1.254	1.137	.9970
2.07	1.403	1.335	1.248	1.131	.9965
2.08	1.395	1.328	1.242	1.126	.9961
2.09	1.388	1.322	1.236	1.120	.9956
2.10	1.381	1.315	1.230	1.115	.9952
2.11	1.374	1.308	1.224	1.110	.9947
2.12	1.367	1.302	1.218	1.104	.9943
2.13	1.360	1.295	1.212	1.099	.9938
2.14	1.353	1.289	1.206	1.094	.9934
2.15	1.347	1.283	1.200	1.088	.9930
2.16	1.340	1.276	1.194	1.083	.9925
2.17	1.333	1.270	1.188	1.078	.9921
2.18	1.326	1.263	1.182	1.073	.9917
2.19	1.320	1.257	1.176	1.068	.9912
2.20	1.313	1.251	1.171	1.063	.9908
2.21	1.306	1.245	1.165	1.058	.9904
2.22	1.300	1.239	1.159	1.053	.9900
2.23	1.293	1.233	1.154	1.048	.9896
2.24	1.287	1.226	1.148	1.043	.9892
2.25	1.281	1.220	1.143	1.038	.9888

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
1.50	.0009	.0855	.0681	.0581	.0514
1.51	.0005	.0852	.0678	.0578	.0512
1.52	.0000	.0848	.0674	.0576	.0510
1.53	.0995	.0843	.0671	.0573	.0507
1.54	.0990	.0839	.0668	.0570	.0505
1.55	.0985	.0835	.0665	.0567	.0502
1.56	.0980	.0831	.0661	.0564	.0500
1.57	.0975	.0827	.0658	.0562	.0497
1.58	.0970	.0823	.0655	.0559	.0495
1.59	.0965	.0819	.0652	.0556	.0493
1.60	.0961	.0815	.0649	.0553	.0490
1.61	.0956	.0811	.0645	.0551	.0488
1.62	.0951	.0807	.0642	.0548	.0485
1.63	.0947	.0803	.0639	.0545	.0483
1.64	.0942	.0799	.0636	.0543	.0481
1.65	.0937	.0795	.0633	.0540	.0478
1.66	.0933	.0791	.0630	.0537	.0476
1.67	.0928	.0787	.0627	.0535	.0474
1.68	.0924	.0784	.0624	.0532	.0472
1.69	.0919	.0780	.0621	.0530	.0469
1.70	.0915	.0776	.0618	.0527	.0467
1.71	.0910	.0772	.0615	.0525	.0465
1.72	.0905	.0769	.0613	.0522	.0463
1.73	.0901	.0765	.0609	.0520	.0460
1.74	.0897	.0761	.0606	.0517	.0458
1.75	.0893	.0758	.0603	.0515	.0456
1.76	.0889	.0754	.0600	.0512	.0454
1.77	.0884	.0751	.0598	.0510	.0452
1.78	.0880	.0747	.0595	.0508	.0450
1.79	.0876	.0743	.0593	.0505	.0447
1.80	.0872	.0740	.0589	.0503	.0445
1.81	.0867	.0736	.0586	.0500	.0443
1.82	.0863	.0733	.0584	.0498	.0441
1.83	.0859	.0730	.0581	.0496	.0439
1.84	.0855	.0726	.0578	.0493	.0437
1.85	.0851	.0723	.0576	.0491	.0435
1.86	.0847	.0719	.0573	.0489	.0433
1.87	.0843	.0716	.0570	.0487	.0431
1.88	.0839	.0713	.0568	.0484	.0429
1.89	.0835	.0709	.0565	.0482	.0427
1.90	.0831	.0706	.0562	.0480	.0425
1.91	.0827	.0703	.0560	.0478	.0423
1.92	.0823	.0699	.0557	.0475	.0421
1.93	.0820	.0696	.0555	.0473	.0419
1.94	.0816	.0693	.0552	.0471	.0417
1.95	.0812	.0690	.0549	.0469	.0415
1.96	.0808	.0687	.0547	.0467	.0413
1.97	.0804	.0683	.0544	.0465	.0411
1.98	.0801	.0680	.0542	.0462	.0409
1.99	.0797	.0677	.0540	.0460	.0408
2.00	.0793	.0674	.0537	.0458	.0406
2.01	.0790	.0671	.0535	.0456	.0404
2.02	.0786	.0668	.0532	.0454	.0402
2.03	.0782	.0665	.0530	.0452	.0400
2.04	.0779	.0662	.0527	.0450	.0399
2.05	.0775	.0659	.0525	.0448	.0397
2.06	.0772	.0656	.0523	.0446	.0395
2.07	.0768	.0653	.0520	.0444	.0393
2.08	.0765	.0650	.0518	.0442	.0391
2.09	.0761	.0647	.0516	.0440	.0390
2.10	.0758	.0644	.0513	.0438	.0388
2.11	.0754	.0641	.0511	.0436	.0386
2.12	.0751	.0638	.0509	.0434	.0384
2.13	.0747	.0635	.0506	.0432	.0383
2.14	.0744	.0633	.0504	.0430	.0381
2.15	.0741	.0630	.0502	.0428	.0379
2.16	.0737	.0627	.0500	.0426	.0378
2.17	.0734	.0624	.0498	.0425	.0376
2.18	.0731	.0621	.0495	.0423	.0374
2.19	.0727	.0619	.0493	.0421	.0373
2.20	.0724	.0616	.0491	.0419	.0371
2.21	.0721	.0613	.0489	.0417	.0369
2.22	.0718	.0610	.0487	.0415	.0368
2.23	.0714	.0608	.0485	.0413	.0366
2.24	.0711	.0605	.0482	.0412	.0365
2.25	.0708	.0602	.0480	.0410	.0363

$W_0(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
2.25	.1281	.1220	.1143	.1038	.0868
2.26	.1274	.1214	.1137	.1033	.0883
2.27	.1268	.1208	.1132	.1028	.0879
2.28	.1262	.1203	.1126	.1023	.0875
2.29	.1255	.1197	.1121	.1018	.0871
2.30	.1249	.1191	.1115	.1014	.0867
2.31	.1243	.1185	.1110	.1009	.0864
2.32	.1237	.1179	.1105	.1004	.0860
2.33	.1231	.1174	.1100	.9999	.0856
2.34	.1225	.1168	.1094	.9995	.0852
2.35	.1219	.1162	.1089	.9990	.0848
2.36	.1213	.1157	.1084	.9986	.0844
2.37	.1207	.1151	.1079	.9981	.0840
2.38	.1201	.1145	.1074	.9976	.0837
2.39	.1195	.1140	.1069	.9972	.0833
2.40	.1189	.1134	.1063	.9967	.0829
2.41	.1183	.1129	.1058	.9963	.0825
2.42	.1178	.1124	.1053	.9959	.0822
2.43	.1172	.1118	.1048	.9954	.0818
2.44	.1166	.1113	.1044	.9950	.0814
2.45	.1160	.1107	.1039	.9945	.0811
2.46	.1155	.1102	.1034	.9941	.0807
2.47	.1149	.1097	.1029	.9937	.0804
2.48	.1144	.1092	.1024	.9932	.0800
2.49	.1138	.1087	.1019	.9928	.0796
2.50	.1133	.1081	.1015	.9924	.0793
2.51	.1127	.1076	.1010	.9920	.0789
2.52	.1122	.1071	.1005	.9916	.0786
2.53	.1117	.1066	.1000	.9911	.0782
2.54	.1111	.1061	.9996	.9907	.0779
2.55	.1106	.1056	.9991	.9903	.0776
2.56	.1101	.1051	.9987	.9899	.0772
2.57	.1095	.1046	.9982	.9895	.0769
2.58	.1090	.1041	.9978	.9891	.0765
2.59	.1085	.1036	.9973	.9887	.0762
2.60	.1080	.1032	.9969	.9883	.0759
2.61	.1075	.1027	.9964	.9879	.0756
2.62	.1070	.1022	.9960	.9875	.0752
2.63	.1065	.1017	.9955	.9871	.0749
2.64	.1060	.1012	.9951	.9867	.0746
2.65	.1055	.1008	.9947	.9863	.0742
2.66	.1050	.1003	.9942	.9860	.0739
2.67	.1045	.9998	.9938	.9856	.0736
2.68	.1040	.9994	.9934	.9852	.0733
2.69	.1035	.9989	.9929	.9848	.0730
2.70	.1030	.9985	.9925	.9844	.0727
2.71	.1025	.9980	.9921	.9841	.0723
2.72	.1021	.9976	.9917	.9837	.0720
2.73	.1016	.9971	.9913	.9833	.0717
2.74	.1011	.9967	.9909	.9830	.0714
2.75	.1006	.9962	.9905	.9826	.0711
2.76	.1002	.9958	.9900	.9822	.0708
2.77	.9997	.9953	.9896	.9819	.0705
2.78	.9992	.9949	.9892	.9815	.0702
2.79	.9988	.9945	.9888	.9811	.0699
2.80	.9983	.9940	.9884	.9808	.0696
2.81	.9979	.9936	.9881	.9804	.0693
2.82	.9974	.9932	.9877	.9801	.0690
2.83	.9970	.9928	.9873	.9797	.0687
2.84	.9965	.9923	.9869	.9794	.0685
2.85	.9961	.9919	.9865	.9790	.0682
2.86	.9957	.9915	.9861	.9787	.0679
2.87	.9952	.9911	.9857	.9784	.0676
2.88	.9948	.9907	.9853	.9780	.0673
2.89	.9944	.9903	.9850	.9777	.0670
2.90	.9939	.9899	.9846	.9774	.0667
2.91	.9935	.9895	.9848	.9770	.0665
2.92	.9931	.9891	.9839	.9767	.0662
2.93	.9926	.9887	.9835	.9764	.0659
2.94	.9922	.9883	.9831	.9760	.0656
2.95	.9918	.9879	.9828	.9757	.0654
2.96	.9914	.9875	.9824	.9754	.0651
2.97	.9910	.9871	.9820	.9751	.0648
2.98	.9906	.9867	.9817	.9747	.0646
2.99	.9902	.9863	.9813	.9744	.0643
3.00	.9898	.9860	.9810	.9741	.0640

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
2.25	.0708	.0602	.0480	.0410	.0363
2.26	.0705	.0600	.0478	.0408	.0361
2.27	.0702	.0597	.0476	.0406	.0360
2.28	.0699	.0595	.0474	.0405	.0358
2.29	.0696	.0592	.0472	.0403	.0357
2.30	.0693	.0589	.0470	.0401	.0355
2.31	.0689	.0587	.0468	.0399	.0354
2.32	.0686	.0584	.0466	.0398	.0352
2.33	.0683	.0582	.0464	.0396	.0351
2.34	.0680	.0579	.0463	.0394	.0349
2.35	.0677	.0577	.0460	.0393	.0348
2.36	.0674	.0574	.0458	.0391	.0346
2.37	.0671	.0572	.0456	.0389	.0345
2.38	.0669	.0569	.0454	.0387	.0343
2.39	.0666	.0567	.0452	.0386	.0342
2.40	.0663	.0564	.0450	.0384	.0340
2.41	.0660	.0562	.0448	.0383	.0339
2.42	.0657	.0559	.0446	.0381	.0337
2.43	.0654	.0557	.0444	.0379	.0336
2.44	.0651	.0555	.0443	.0378	.0334
2.45	.0648	.0552	.0441	.0376	.0333
2.46	.0646	.0550	.0439	.0375	.0332
2.47	.0643	.0548	.0437	.0373	.0330
2.48	.0640	.0545	.0435	.0371	.0329
2.49	.0637	.0543	.0433	.0370	.0327
2.50	.0635	.0541	.0432	.0368	.0326
2.51	.0632	.0538	.0430	.0367	.0325
2.52	.0629	.0536	.0428	.0365	.0323
2.53	.0627	.0534	.0426	.0364	.0322
2.54	.0624	.0532	.0424	.0362	.0321
2.55	.0621	.0529	.0423	.0361	.0319
2.56	.0619	.0527	.0421	.0359	.0318
2.57	.0616	.0525	.0419	.0358	.0317
2.58	.0613	.0523	.0417	.0356	.0315
2.59	.0611	.0521	.0416	.0355	.0314
2.60	.0608	.0518	.0414	.0353	.0313
2.61	.0606	.0516	.0412	.0352	.0311
2.62	.0603	.0514	.0410	.0350	.0310
2.63	.0601	.0512	.0409	.0349	.0309
2.64	.0598	.0510	.0407	.0347	.0308
2.65	.0595	.0508	.0405	.0346	.0306
2.66	.0593	.0506	.0404	.0345	.0305
2.67	.0591	.0504	.0402	.0343	.0304
2.68	.0588	.0501	.0400	.0342	.0303
2.69	.0586	.0499	.0399	.0340	.0301
2.70	.0583	.0497	.0397	.0339	.0300
2.71	.0581	.0495	.0396	.0338	.0299
2.72	.0578	.0493	.0394	.0336	.0298
2.73	.0576	.0491	.0392	.0335	.0297
2.74	.0574	.0489	.0391	.0334	.0295
2.75	.0571	.0487	.0389	.0332	.0294
2.76	.0569	.0485	.0388	.0331	.0293
2.77	.0566	.0483	.0386	.0330	.0292
2.78	.0564	.0481	.0385	.0328	.0291
2.79	.0562	.0479	.0383	.0327	.0289
2.80	.0559	.0477	.0381	.0326	.0288
2.81	.0557	.0476	.0380	.0324	.0287
2.82	.0555	.0474	.0378	.0323	.0286
2.83	.0553	.0472	.0377	.0322	.0285
2.84	.0550	.0470	.0375	.0320	.0284
2.85	.0548	.0468	.0374	.0319	.0283
2.86	.0546	.0466	.0372	.0318	.0282
2.87	.0544	.0464	.0371	.0317	.0280
2.88	.0541	.0462	.0370	.0315	.0279
2.89	.0539	.0460	.0368	.0314	.0278
2.90	.0537	.0459	.0367	.0313	.0277
2.91	.0535	.0457	.0365	.0312	.0276
2.92	.0533	.0455	.0364	.0311	.0275
2.93	.0531	.0453	.0362	.0309	.0274
2.94	.0528	.0451	.0361	.0308	.0273
2.95	.0526	.0450	.0359	.0307	.0272
2.96	.0524	.0448	.0358	.0306	.0271
2.97	.0522	.0446	.0357	.0304	.0270
2.98	.0520	.0444	.0355	.0303	.0269
2.99	.0518	.0443	.0354	.0302	.0268
3.00	.0516	.0441	.0352	.0301	.0266

$W_o(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.00	.0898	.0860	.0810	.0741	.0640
3.01	.0894	.0856	.0806	.0738	.0638
3.02	.0890	.0852	.0803	.0735	.0635
3.03	.0886	.0848	.0799	.0732	.0632
3.04	.0882	.0845	.0796	.0729	.0630
3.05	.0878	.0841	.0792	.0725	.0627
3.06	.0874	.0837	.0789	.0722	.0625
3.07	.0870	.0833	.0785	.0719	.0622
3.08	.0866	.0830	.0782	.0716	.0620
3.09	.0862	.0826	.0779	.0713	.0617
3.10	.0859	.0823	.0775	.0710	.0615
3.11	.0855	.0819	.0772	.0707	.0612
3.12	.0851	.0815	.0769	.0704	.0610
3.13	.0847	.0812	.0765	.0701	.0607
3.14	.0843	.0808	.0762	.0698	.0605
3.15	.0840	.0805	.0759	.0696	.0602
3.16	.0836	.0801	.0756	.0693	.0600
3.17	.0832	.0798	.0752	.0690	.0597
3.18	.0829	.0794	.0749	.0687	.0595
3.19	.0825	.0791	.0746	.0684	.0593
3.20	.0822	.0788	.0743	.0681	.0590
3.21	.0818	.0784	.0740	.0678	.0588
3.22	.0814	.0781	.0737	.0676	.0585
3.23	.0811	.0777	.0733	.0673	.0583
3.24	.0807	.0774	.0730	.0670	.0581
3.25	.0804	.0771	.0727	.0667	.0578
3.26	.0800	.0768	.0724	.0665	.0576
3.27	.0797	.0764	.0721	.0662	.0574
3.28	.0793	.0761	.0718	.0659	.0572
3.29	.0790	.0758	.0715	.0656	.0569
3.30	.0787	.0755	.0712	.0654	.0567
3.31	.0783	.0751	.0709	.0651	.0565
3.32	.0780	.0748	.0706	.0648	.0563
3.33	.0777	.0745	.0703	.0646	.0560
3.34	.0773	.0742	.0700	.0643	.0558
3.35	.0770	.0739	.0697	.0641	.0556
3.36	.0767	.0736	.0695	.0638	.0554
3.37	.0763	.0732	.0692	.0635	.0552
3.38	.0760	.0729	.0689	.0633	.0549
3.39	.0757	.0726	.0686	.0630	.0547
3.40	.0754	.0723	.0683	.0628	.0545
3.41	.0750	.0720	.0680	.0625	.0543
3.42	.0747	.0717	.0678	.0623	.0541
3.43	.0744	.0714	.0675	.0620	.0539
3.44	.0741	.0711	.0672	.0618	.0537
3.45	.0738	.0708	.0669	.0615	.0535
3.46	.0735	.0705	.0667	.0613	.0533
3.47	.0732	.0702	.0664	.0610	.0530
3.48	.0729	.0699	.0661	.0608	.0528
3.49	.0725	.0697	.0658	.0605	.0526
3.50	.0722	.0694	.0656	.0603	.0524
3.51	.0719	.0691	.0653	.0601	.0522
3.52	.0716	.0688	.0650	.0598	.0520
3.53	.0713	.0685	.0648	.0595	.0518
3.54	.0710	.0682	.0645	.0593	.0516
3.55	.0707	.0679	.0642	.0591	.0514
3.56	.0705	.0677	.0640	.0589	.0512
3.57	.0702	.0674	.0637	.0586	.0510
3.58	.0699	.0671	.0635	.0584	.0508
3.59	.0696	.0668	.0632	.0582	.0507
3.60	.0693	.0666	.0630	.0580	.0505
3.61	.0690	.0663	.0627	.0577	.0503
3.62	.0687	.0660	.0625	.0575	.0501
3.63	.0684	.0658	.0622	.0573	.0499
3.64	.0682	.0655	.0620	.0571	.0497
3.65	.0679	.0652	.0617	.0568	.0495
3.66	.0676	.0650	.0615	.0566	.0493
3.67	.0673	.0647	.0612	.0564	.0491
3.68	.0670	.0644	.0610	.0562	.0490
3.69	.0668	.0642	.0607	.0559	.0488
3.70	.0665	.0639	.0605	.0557	.0486
3.71	.0662	.0637	.0603	.0555	.0484
3.72	.0660	.0634	.0600	.0553	.0482
3.73	.0657	.0631	.0598	.0551	.0480
3.74	.0654	.0629	.0595	.0549	.0479
3.75	.0652	.0626	.0593	.0547	.0477

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.00	.0516	.0441	.0352	.0301	.0266
3.01	.0514	.0439	.0351	.0300	.0265
3.02	.0512	.0437	.0350	.0299	.0264
3.03	.0510	.0436	.0348	.0297	.0263
3.04	.0508	.0434	.0347	.0296	.0262
3.05	.0506	.0432	.0346	.0295	.0261
3.06	.0504	.0431	.0344	.0294	.0260
3.07	.0502	.0429	.0343	.0293	.0259
3.08	.0500	.0427	.0342	.0292	.0258
3.09	.0498	.0426	.0340	.0291	.0257
3.10	.0496	.0424	.0339	.0290	.0256
3.11	.0494	.0422	.0338	.0288	.0255
3.12	.0492	.0421	.0337	.0287	.0254
3.13	.0490	.0419	.0336	.0286	.0253
3.14	.0488	.0417	.0334	.0285	.0253
3.15	.0486	.0416	.0333	.0284	.0252
3.16	.0484	.0414	.0331	.0283	.0251
3.17	.0482	.0413	.0330	.0282	.0250
3.18	.0481	.0411	.0329	.0281	.0249
3.19	.0479	.0409	.0328	.0280	.0248
3.20	.0477	.0408	.0326	.0279	.0247
3.21	.0475	.0406	.0325	.0278	.0246
3.22	.0473	.0405	.0324	.0277	.0245
3.23	.0471	.0403	.0323	.0276	.0244
3.24	.0469	.0402	.0322	.0275	.0243
3.25	.0468	.0400	.0320	.0274	.0242
3.26	.0466	.0399	.0319	.0273	.0241
3.27	.0464	.0397	.0318	.0272	.0240
3.28	.0462	.0396	.0317	.0271	.0240
3.29	.0461	.0394	.0316	.0270	.0239
3.30	.0459	.0393	.0314	.0269	.0238
3.31	.0457	.0391	.0313	.0268	.0237
3.32	.0455	.0390	.0312	.0267	.0236
3.33	.0454	.0388	.0311	.0266	.0235
3.34	.0452	.0387	.0310	.0265	.0234
3.35	.0450	.0385	.0309	.0264	.0233
3.36	.0448	.0384	.0308	.0263	.0233
3.37	.0447	.0383	.0306	.0262	.0232
3.38	.0445	.0381	.0305	.0261	.0231
3.39	.0443	.0380	.0304	.0260	.0230
3.40	.0442	.0378	.0303	.0259	.0229
3.41	.0440	.0377	.0302	.0258	.0228
3.42	.0438	.0375	.0301	.0257	.0228
3.43	.0437	.0374	.0300	.0256	.0227
3.44	.0435	.0373	.0299	.0255	.0226
3.45	.0433	.0371	.0298	.0254	.0225
3.46	.0432	.0370	.0296	.0253	.0224
3.47	.0430	.0369	.0295	.0252	.0223
3.48	.0429	.0367	.0294	.0251	.0223
3.49	.0427	.0366	.0293	.0251	.0222
3.50	.0425	.0365	.0292	.0250	.0221
3.51	.0424	.0363	.0291	.0249	.0220
3.52	.0422	.0362	.0290	.0248	.0219
3.53	.0421	.0361	.0289	.0247	.0219
3.54	.0419	.0359	.0288	.0246	.0218
3.55	.0418	.0358	.0287	.0245	.0217
3.56	.0416	.0357	.0286	.0244	.0216
3.57	.0414	.0355	.0285	.0243	.0216
3.58	.0413	.0354	.0284	.0243	.0215
3.59	.0411	.0353	.0283	.0242	.0214
3.60	.0410	.0352	.0282	.0241	.0213
3.61	.0408	.0350	.0281	.0240	.0213
3.62	.0407	.0349	.0280	.0239	.0212
3.63	.0405	.0348	.0279	.0238	.0211
3.64	.0404	.0347	.0278	.0238	.0210
3.65	.0402	.0345	.0277	.0237	.0210
3.66	.0401	.0344	.0276	.0236	.0209
3.67	.0400	.0343	.0275	.0235	.0208
3.68	.0398	.0342	.0274	.0234	.0207
3.69	.0397	.0340	.0273	.0233	.0207
3.70	.0395	.0339	.0272	.0233	.0206
3.71	.0394	.0338	.0271	.0232	.0205
3.72	.0392	.0337	.0270	.0231	.0205
3.73	.0391	.0336	.0269	.0230	.0204
3.74	.0390	.0334	.0268	.0229	.0203
3.75	.0388	.0333	.0267	.0229	.0202

X	1	1.1	1.25	1.5	2.0
3.75	.0652	.0626	.0593	.0547	.0477
3.76	.0649	.0624	.0591	.0545	.0475
3.77	.0646	.0621	.0588	.0542	.0473
3.78	.0644	.0619	.0586	.0540	.0472
3.79	.0641	.0616	.0584	.0538	.0470
3.80	.0638	.0614	.0582	.0536	.0468
3.81	.0636	.0612	.0579	.0534	.0466
3.82	.0633	.0609	.0577	.0532	.0465
3.83	.0631	.0607	.0575	.0530	.0463
3.84	.0628	.0604	.0573	.0528	.0461
3.85	.0626	.0602	.0570	.0526	.0459
3.86	.0623	.0600	.0568	.0524	.0458
3.87	.0621	.0597	.0566	.0522	.0456
3.88	.0618	.0595	.0564	.0520	.0454
3.89	.0616	.0592	.0561	.0518	.0453
3.90	.0613	.0590	.0559	.0516	.0451
3.91	.0611	.0588	.0557	.0514	.0449
3.92	.0609	.0586	.0555	.0512	.0448
3.93	.0606	.0583	.0553	.0510	.0446
3.94	.0604	.0581	.0551	.0508	.0445
3.95	.0601	.0579	.0549	.0507	.0443
3.96	.0599	.0576	.0546	.0505	.0441
3.97	.0597	.0574	.0544	.0503	.0440
3.98	.0594	.0572	.0542	.0501	.0438
3.99	.0592	.0570	.0540	.0499	.0437
4.00	.0590	.0568	.0538	.0497	.0435
4.01	.0587	.0565	.0536	.0495	.0433
4.02	.0585	.0563	.0534	.0493	.0432
4.03	.0583	.0561	.0532	.0492	.0430
4.04	.0580	.0559	.0530	.0490	.0429
4.05	.0578	.0557	.0528	.0488	.0427
4.06	.0576	.0554	.0526	.0486	.0426
4.07	.0574	.0552	.0524	.0484	.0424
4.08	.0571	.0550	.0522	.0483	.0423
4.09	.0569	.0548	.0520	.0481	.0421
4.10	.0567	.0546	.0518	.0479	.0420
4.11	.0565	.0544	.0516	.0477	.0418
4.12	.0563	.0542	.0514	.0475	.0417
4.13	.0560	.0540	.0512	.0474	.0415
4.14	.0558	.0538	.0510	.0472	.0414
4.15	.0556	.0536	.0508	.0470	.0412
4.16	.0554	.0534	.0507	.0469	.0411
4.17	.0552	.0532	.0505	.0467	.0409
4.18	.0550	.0530	.0503	.0465	.0408
4.19	.0548	.0528	.0501	.0463	.0406
4.20	.0545	.0526	.0499	.0462	.0405
4.21	.0543	.0524	.0497	.0460	.0404
4.22	.0541	.0522	.0495	.0458	.0402
4.23	.0539	.0520	.0493	.0457	.0401
4.24	.0537	.0518	.0492	.0455	.0399
4.25	.0535	.0516	.0490	.0453	.0398
4.26	.0533	.0514	.0488	.0452	.0397
4.27	.0531	.0512	.0486	.0450	.0395
4.28	.0529	.0510	.0484	.0449	.0394
4.29	.0527	.0508	.0483	.0447	.0392
4.30	.0525	.0506	.0481	.0445	.0391
4.31	.0523	.0504	.0479	.0444	.0390
4.32	.0521	.0502	.0477	.0442	.0388
4.33	.0519	.0501	.0476	.0441	.0387
4.34	.0517	.0499	.0474	.0439	.0386
4.35	.0515	.0497	.0472	.0437	.0384
4.36	.0513	.0495	.0470	.0436	.0383
4.37	.0511	.0493	.0469	.0434	.0382
4.38	.0510	.0491	.0467	.0433	.0380
4.39	.0508	.0489	.0465	.0431	.0379
4.40	.0506	.0488	.0464	.0430	.0378
4.41	.0504	.0486	.0462	.0428	.0376
4.42	.0502	.0484	.0460	.0427	.0375
4.43	.0500	.0482	.0459	.0425	.0374
4.44	.0498	.0481	.0457	.0424	.0373
4.45	.0496	.0479	.0455	.0422	.0371
4.46	.0495	.0477	.0454	.0421	.0370
4.47	.0493	.0475	.0453	.0419	.0369
4.48	.0491	.0474	.0450	.0418	.0367
4.49	.0489	.0472	.0449	.0416	.0366
4.50	.0487	.0470	.0447	.0415	.0365

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.75	.0388	.0333	.0267	.0229	.0202
3.76	.0387	.0332	.0266	.0228	.0202
3.77	.0385	.0331	.0266	.0227	.0201
3.78	.0384	.0330	.0265	.0226	.0200
3.79	.0383	.0329	.0264	.0225	.0200
3.80	.0381	.0327	.0263	.0225	.0199
3.81	.0380	.0326	.0262	.0224	.0198
3.82	.0379	.0325	.0261	.0223	.0198
3.83	.0377	.0324	.0260	.0222	.0197
3.84	.0376	.0323	.0259	.0222	.0196
3.85	.0374	.0322	.0258	.0221	.0196
3.86	.0373	.0321	.0257	.0220	.0195
3.87	.0372	.0319	.0257	.0219	.0194
3.88	.0371	.0318	.0256	.0219	.0194
3.89	.0369	.0317	.0255	.0218	.0193
3.90	.0368	.0316	.0254	.0217	.0192
3.91	.0367	.0315	.0253	.0216	.0192
3.92	.0365	.0314	.0252	.0216	.0191
3.93	.0364	.0313	.0251	.0215	.0190
3.94	.0363	.0312	.0250	.0214	.0190
3.95	.0361	.0311	.0250	.0213	.0189
3.96	.0360	.0310	.0249	.0213	.0188
3.97	.0359	.0309	.0248	.0212	.0188
3.98	.0358	.0308	.0247	.0211	.0187
3.99	.0356	.0306	.0246	.0211	.0187
4.00	.0355	.0305	.0245	.0210	.0186
4.01	.0354	.0304	.0245	.0209	.0185
4.02	.0353	.0303	.0244	.0208	.0185
4.03	.0352	.0302	.0243	.0208	.0184
4.04	.0350	.0301	.0242	.0207	.0183
4.05	.0349	.0299	.0241	.0206	.0183
4.06	.0348	.0299	.0241	.0206	.0182
4.07	.0347	.0298	.0240	.0205	.0182
4.08	.0346	.0297	.0239	.0204	.0181
4.09	.0344	.0296	.0238	.0204	.0180
4.10	.0343	.0295	.0237	.0203	.0180
4.11	.0342	.0294	.0237	.0203	.0179
4.12	.0341	.0293	.0236	.0202	.0179
4.13	.0340	.0292	.0235	.0201	.0178
4.14	.0338	.0291	.0234	.0200	.0177
4.15	.0337	.0290	.0234	.0200	.0177
4.16	.0336	.0289	.0233	.0199	.0176
4.17	.0335	.0288	.0232	.0198	.0176
4.18	.0334	.0287	.0231	.0198	.0175
4.19	.0333	.0286	.0230	.0197	.0175
4.20	.0332	.0286	.0230	.0196	.0174
4.21	.0330	.0285	.0229	.0196	.0173
4.22	.0329	.0284	.0228	.0195	.0173
4.23	.0328	.0283	.0227	.0195	.0172
4.24	.0327	.0282	.0227	.0194	.0172
4.25	.0326	.0281	.0226	.0193	.0171
4.26	.0325	.0280	.0225	.0193	.0171
4.27	.0324	.0279	.0225	.0192	.0170
4.28	.0323	.0278	.0224	.0191	.0170
4.29	.0322	.0277	.0223	.0191	.0169
4.30	.0321	.0276	.0222	.0190	.0169
4.31	.0320	.0275	.0222	.0190	.0168
4.32	.0318	.0274	.0221	.0189	.0167
4.33	.0317	.0274	.0220	.0188	.0167
4.34	.0316	.0273	.0220	.0188	.0166
4.35	.0315	.0272	.0219	.0187	.0166
4.36	.0314	.0271	.0218	.0187	.0165
4.37	.0313	.0270	.0217	.0186	.0165
4.38	.0312	.0269	.0217	.0185	.0164
4.39	.0311	.0268	.0216	.0185	.0164
4.40	.0310	.0267	.0215	.0184	.0163
4.41	.0309	.0266	.0215	.0184	.0163
4.42	.0308	.0266	.0214	.0183	.0162
4.43	.0307	.0265	.0213	.0183	.0162
4.44	.0306	.0264	.0213	.0182	.0161
4.45	.0305	.0263	.0212	.0181	.0161
4.46	.0304	.0262	.0211	.0181	.0160
4.47	.0303	.0261	.0211	.0180	.0160
4.48	.0302	.0261	.0210	.0180	.0159
4.49	.0301	.0260	.0209	.0179	.0159
4.50	.0300	.0259	.0209	.0179	.0158

$W_0(x, r)$

X	R	1	1.1	1.25	1.5	2.0
4.50		.0487	.0470	.0447	.0415	.0365
4.51		.0485	.0468	.0446	.0413	.0364
4.52		.0484	.0467	.0444	.0412	.0363
4.53		.0482	.0465	.0442	.0410	.0361
4.54		.0480	.0463	.0441	.0409	.0360
4.55		.0478	.0462	.0439	.0408	.0359
4.56		.0477	.0460	.0438	.0406	.0358
4.57		.0475	.0458	.0436	.0405	.0356
4.58		.0473	.0457	.0435	.0403	.0355
4.59		.0471	.0455	.0433	.0402	.0354
4.60		.0470	.0453	.0431	.0400	.0353
4.61		.0468	.0452	.0430	.0399	.0352
4.62		.0466	.0450	.0428	.0398	.0351
4.63		.0465	.0448	.0427	.0396	.0349
4.64		.0463	.0447	.0425	.0395	.0348
4.65		.0461	.0445	.0424	.0394	.0347
4.66		.0460	.0444	.0422	.0393	.0346
4.67		.0458	.0442	.0421	.0391	.0345
4.68		.0456	.0441	.0419	.0390	.0344
4.69		.0455	.0439	.0418	.0388	.0342
4.70		.0453	.0437	.0417	.0387	.0341
4.71		.0451	.0436	.0415	.0386	.0340
4.72		.0450	.0434	.0414	.0384	.0339
4.73		.0448	.0433	.0412	.0383	.0338
4.74		.0447	.0431	.0411	.0382	.0337
4.75		.0445	.0430	.0409	.0380	.0336
4.76		.0443	.0428	.0408	.0379	.0335
4.77		.0442	.0427	.0406	.0378	.0334
4.78		.0440	.0425	.0405	.0376	.0333
4.79		.0439	.0424	.0404	.0375	.0331
4.80		.0437	.0422	.0402	.0374	.0330
4.81		.0435	.0421	.0401	.0373	.0329
4.82		.0434	.0419	.0399	.0371	.0328
4.83		.0432	.0418	.0398	.0370	.0327
4.84		.0431	.0416	.0397	.0369	.0326
4.85		.0429	.0415	.0395	.0368	.0325
4.86		.0428	.0413	.0394	.0366	.0324
4.87		.0426	.0412	.0393	.0365	.0323
4.88		.0425	.0411	.0391	.0364	.0322
4.89		.0423	.0409	.0390	.0363	.0321
4.90		.0422	.0408	.0389	.0362	.0320
4.91		.0420	.0406	.0387	.0360	.0319
4.92		.0419	.0405	.0386	.0359	.0318
4.93		.0417	.0403	.0385	.0358	.0317
4.94		.0416	.0402	.0383	.0357	.0316
4.95		.0415	.0401	.0382	.0356	.0315
4.96		.0413	.0399	.0381	.0354	.0314
4.97		.0412	.0398	.0379	.0353	.0313
4.98		.0410	.0397	.0378	.0352	.0312
4.99		.0409	.0395	.0377	.0351	.0311
5.00		.0407	.0394	.0376	.0350	.0310
5.01		.0406	.0393	.0374	.0349	.0309
5.02		.0405	.0391	.0373	.0347	.0308
5.03		.0403	.0390	.0372	.0346	.0307
5.04		.0402	.0388	.0371	.0345	.0306
5.05		.0400	.0387	.0369	.0344	.0305
5.06		.0399	.0386	.0368	.0343	.0304
5.07		.0398	.0385	.0367	.0342	.0303
5.08		.0396	.0383	.0366	.0341	.0302
5.09		.0395	.0382	.0364	.0340	.0301
5.10		.0394	.0381	.0363	.0338	.0300
5.11		.0392	.0379	.0362	.0337	.0299
5.12		.0391	.0378	.0361	.0336	.0298
5.13		.0390	.0377	.0360	.0335	.0297
5.14		.0388	.0376	.0358	.0334	.0296
5.15		.0387	.0374	.0357	.0333	.0295
5.16		.0386	.0373	.0356	.0332	.0294
5.17		.0384	.0372	.0355	.0331	.0293
5.18		.0383	.0371	.0354	.0330	.0292
5.19		.0382	.0369	.0353	.0329	.0291
5.20		.0380	.0368	.0351	.0328	.0291
5.21		.0379	.0367	.0350	.0327	.0290
5.22		.0378	.0366	.0349	.0326	.0289
5.23		.0377	.0364	.0348	.0324	.0288
5.24		.0375	.0363	.0347	.0323	.0287
5.25		.0374	.0362	.0346	.0322	.0286

$W_0(x, r)$

X	R	3.0	4.0	6.0	8.0	10.0
4.50		.0200	.0259	.0209	.0179	.0158
4.51		.0299	.0258	.0208	.0178	.0158
4.52		.0298	.0257	.0207	.0177	.0157
4.53		.0297	.0256	.0207	.0177	.0157
4.54		.0296	.0256	.0206	.0176	.0156
4.55		.0295	.0255	.0205	.0176	.0156
4.56		.0294	.0254	.0205	.0175	.0155
4.57		.0293	.0253	.0204	.0175	.0155
4.58		.0292	.0252	.0204	.0174	.0154
4.59		.0291	.0252	.0203	.0174	.0154
4.60		.0290	.0251	.0202	.0173	.0153
4.61		.0290	.0250	.0202	.0173	.0153
4.62		.0289	.0249	.0201	.0172	.0152
4.63		.0288	.0248	.0200	.0172	.0152
4.64		.0287	.0248	.0200	.0171	.0152
4.65		.0286	.0247	.0199	.0170	.0151
4.66		.0285	.0246	.0199	.0170	.0151
4.67		.0284	.0245	.0198	.0169	.0150
4.68		.0283	.0245	.0197	.0169	.0150
4.69		.0282	.0244	.0197	.0168	.0149
4.70		.0281	.0243	.0196	.0168	.0149
4.71		.0280	.0242	.0196	.0167	.0148
4.72		.0280	.0242	.0195	.0167	.0148
4.73		.0279	.0241	.0194	.0166	.0147
4.74		.0278	.0240	.0194	.0166	.0147
4.75		.0277	.0239	.0193	.0165	.0147
4.76		.0276	.0239	.0193	.0165	.0146
4.77		.0275	.0238	.0192	.0164	.0146
4.78		.0274	.0237	.0191	.0164	.0145
4.79		.0273	.0236	.0191	.0163	.0145
4.80		.0273	.0236	.0190	.0163	.0144
4.81		.0273	.0235	.0190	.0162	.0144
4.82		.0271	.0234	.0189	.0162	.0144
4.83		.0270	.0233	.0189	.0161	.0143
4.84		.0269	.0233	.0188	.0161	.0143
4.85		.0268	.0232	.0187	.0161	.0142
4.86		.0267	.0231	.0187	.0160	.0142
4.87		.0267	.0231	.0186	.0160	.0141
4.88		.0266	.0230	.0186	.0159	.0141
4.89		.0265	.0229	.0185	.0159	.0141
4.90		.0264	.0229	.0185	.0158	.0140
4.91		.0263	.0228	.0184	.0158	.0140
4.92		.0263	.0227	.0184	.0157	.0139
4.93		.0262	.0226	.0183	.0157	.0139
4.94		.0261	.0226	.0182	.0156	.0139
4.95		.0260	.0225	.0182	.0156	.0138
4.96		.0259	.0224	.0181	.0155	.0138
4.97		.0259	.0224	.0181	.0155	.0137
4.98		.0258	.0223	.0180	.0154	.0137
4.99		.0257	.0222	.0180	.0154	.0137
5.00		.0256	.0222	.0179	.0154	.0136
5.01		.0255	.0221	.0179	.0153	.0136
5.02		.0255	.0220	.0178	.0153	.0135
5.03		.0254	.0220	.0178	.0152	.0135
5.04		.0253	.0219	.0177	.0152	.0135
5.05		.0252	.0218	.0177	.0151	.0134
5.06		.0251	.0218	.0176	.0151	.0134
5.07		.0251	.0217	.0176	.0151	.0133
5.08		.0250	.0217	.0175	.0150	.0133
5.09		.0249	.0216	.0175	.0150	.0133
5.10		.0248	.0215	.0174	.0149	.0132
5.11		.0248	.0215	.0174	.0149	.0132
5.12		.0247	.0214	.0173	.0148	.0132
5.13		.0246	.0213	.0173	.0148	.0131
5.14		.0245	.0213	.0172	.0148	.0131
5.15		.0245	.0212	.0172	.0147	.0130
5.16		.0244	.0211	.0171	.0147	.0130
5.17		.0243	.0211	.0171	.0146	.0130
5.18		.0243	.0210	.0170	.0146	.0129
5.19		.0242	.0210	.0170	.0145	.0129
5.20		.0241	.0209	.0169	.0145	.0129
5.21		.0240	.0208	.0169	.0145	.0128
5.22		.0240	.0208	.0168	.0144	.0128
5.23		.0239	.0207	.0168	.0144	.0127
5.24		.0238	.0207	.0167	.0143	.0127
5.25		.0238	.0206	.0167	.0143	.0127

$W_0(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
5.25	.0374	.0362	.0346	.0322	.0286
5.26	.0373	.0361	.0345	.0321	.0285
5.27	.0371	.0360	.0343	.0320	.0284
5.28	.0370	.0358	.0342	.0319	.0283
5.29	.0369	.0357	.0341	.0318	.0283
5.30	.0368	.0356	.0340	.0317	.0282
5.31	.0367	.0355	.0339	.0316	.0281
5.32	.0365	.0354	.0338	.0315	.0280
5.33	.0364	.0352	.0337	.0314	.0279
5.34	.0363	.0351	.0336	.0313	.0278
5.35	.0362	.0350	.0335	.0312	.0277
5.36	.0360	.0349	.0333	.0311	.0277
5.37	.0359	.0348	.0332	.0310	.0276
5.38	.0358	.0347	.0331	.0309	.0275
5.39	.0357	.0346	.0330	.0308	.0274
5.40	.0356	.0344	.0329	.0307	.0273
5.41	.0355	.0343	.0328	.0306	.0272
5.42	.0353	.0342	.0327	.0305	.0271
5.43	.0352	.0341	.0326	.0304	.0271
5.44	.0351	.0340	.0325	.0304	.0270
5.45	.0350	.0339	.0324	.0303	.0269
5.46	.0349	.0338	.0323	.0302	.0268
5.47	.0348	.0337	.0322	.0301	.0267
5.48	.0346	.0336	.0321	.0300	.0267
5.49	.0345	.0335	.0320	.0299	.0266
5.50	.0344	.0333	.0319	.0298	.0265
5.51	.0343	.0332	.0318	.0297	.0264
5.52	.0342	.0331	.0317	.0296	.0263
5.53	.0341	.0330	.0316	.0295	.0263
5.54	.0340	.0329	.0315	.0294	.0262
5.55	.0339	.0328	.0314	.0293	.0261
5.56	.0338	.0327	.0313	.0292	.0260
5.57	.0336	.0326	.0312	.0291	.0259
5.58	.0335	.0325	.0311	.0291	.0259
5.59	.0334	.0324	.0310	.0290	.0258
5.60	.0333	.0323	.0309	.0289	.0257
5.61	.0332	.0322	.0308	.0288	.0256
5.62	.0331	.0321	.0307	.0287	.0256
5.63	.0330	.0320	.0306	.0286	.0255
5.64	.0329	.0319	.0305	.0285	.0254
5.65	.0328	.0318	.0304	.0284	.0253
5.66	.0327	.0317	.0303	.0283	.0252
5.67	.0326	.0316	.0302	.0283	.0251
5.68	.0325	.0315	.0301	.0282	.0250
5.69	.0324	.0314	.0300	.0281	.0250
5.70	.0323	.0313	.0299	.0280	.0250
5.71	.0322	.0312	.0298	.0279	.0249
5.72	.0321	.0311	.0298	.0278	.0248
5.73	.0320	.0310	.0297	.0278	.0248
5.74	.0319	.0309	.0296	.0277	.0247
5.75	.0318	.0308	.0295	.0276	.0246
5.76	.0317	.0307	.0294	.0275	.0245
5.77	.0316	.0306	.0293	.0274	.0245
5.78	.0315	.0305	.0292	.0273	.0244
5.79	.0314	.0304	.0291	.0273	.0243
5.80	.0313	.0303	.0290	.0272	.0243
5.81	.0312	.0302	.0289	.0271	.0242
5.82	.0311	.0301	.0288	.0270	.0241
5.83	.0310	.0300	.0288	.0269	.0240
5.84	.0309	.0299	.0287	.0269	.0240
5.85	.0308	.0298	.0286	.0268	.0239
5.86	.0307	.0298	.0285	.0267	.0238
5.87	.0306	.0297	.0284	.0266	.0238
5.88	.0305	.0296	.0283	.0265	.0237
5.89	.0304	.0295	.0282	.0265	.0236
5.90	.0303	.0294	.0282	.0264	.0236
5.91	.0302	.0293	.0281	.0263	.0235
5.92	.0301	.0292	.0280	.0263	.0234
5.93	.0300	.0291	.0279	.0261	.0234
5.94	.0299	.0290	.0278	.0261	.0233
5.95	.0298	.0289	.0277	.0260	.0232
5.96	.0297	.0288	.0276	.0259	.0232
5.97	.0296	.0288	.0276	.0258	.0231
5.98	.0295	.0287	.0275	.0258	.0230
5.99	.0295	.0286	.0274	.0257	.0230
6.00	.0294	.0285	.0273	.0256	.0229

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
5.25	.0238	.0206	.0167	.0143	.0127
5.26	.0237	.0205	.0166	.0143	.0126
5.27	.0236	.0205	.0166	.0142	.0126
5.28	.0235	.0204	.0165	.0142	.0126
5.29	.0235	.0204	.0165	.0141	.0125
5.30	.0234	.0203	.0164	.0141	.0125
5.31	.0233	.0202	.0164	.0141	.0125
5.32	.0233	.0202	.0164	.0140	.0124
5.33	.0232	.0201	.0163	.0140	.0124
5.34	.0231	.0201	.0163	.0139	.0124
5.35	.0231	.0200	.0162	.0139	.0123
5.36	.0230	.0200	.0162	.0139	.0123
5.37	.0229	.0199	.0161	.0138	.0123
5.38	.0229	.0198	.0161	.0138	.0122
5.39	.0228	.0198	.0160	.0138	.0122
5.40	.0227	.0197	.0160	.0137	.0122
5.41	.0227	.0197	.0159	.0137	.0121
5.42	.0226	.0196	.0159	.0136	.0121
5.43	.0225	.0196	.0159	.0136	.0121
5.44	.0225	.0195	.0158	.0136	.0120
5.45	.0224	.0194	.0158	.0135	.0120
5.46	.0223	.0194	.0157	.0135	.0120
5.47	.0223	.0193	.0157	.0135	.0119
5.48	.0222	.0193	.0156	.0134	.0119
5.49	.0221	.0192	.0156	.0134	.0119
5.50	.0221	.0192	.0156	.0133	.0118
5.51	.0220	.0191	.0155	.0133	.0118
5.52	.0219	.0191	.0155	.0133	.0118
5.53	.0219	.0190	.0154	.0132	.0117
5.54	.0218	.0190	.0154	.0132	.0117
5.55	.0218	.0189	.0153	.0132	.0117
5.56	.0217	.0189	.0153	.0131	.0116
5.57	.0216	.0188	.0153	.0131	.0116
5.58	.0216	.0187	.0152	.0131	.0116
5.59	.0215	.0187	.0152	.0130	.0115
5.60	.0214	.0186	.0151	.0130	.0115
5.61	.0214	.0186	.0151	.0129	.0115
5.62	.0213	.0185	.0150	.0129	.0115
5.63	.0213	.0185	.0150	.0129	.0114
5.64	.0212	.0184	.0150	.0128	.0114
5.65	.0211	.0184	.0149	.0128	.0114
5.66	.0211	.0183	.0149	.0128	.0113
5.67	.0210	.0183	.0148	.0127	.0113
5.68	.0210	.0182	.0148	.0127	.0113
5.69	.0209	.0182	.0148	.0127	.0112
5.70	.0208	.0181	.0147	.0126	.0112
5.71	.0208	.0181	.0147	.0126	.0112
5.72	.0207	.0180	.0146	.0126	.0112
5.73	.0207	.0180	.0146	.0125	.0111
5.74	.0206	.0179	.0146	.0125	.0111
5.75	.0206	.0179	.0145	.0125	.0111
5.76	.0205	.0178	.0145	.0124	.0110
5.77	.0204	.0178	.0145	.0124	.0110
5.78	.0204	.0177	.0144	.0124	.0110
5.79	.0203	.0177	.0144	.0123	.0110
5.80	.0203	.0176	.0143	.0123	.0109
5.81	.0202	.0176	.0143	.0123	.0109
5.82	.0202	.0175	.0143	.0122	.0109
5.83	.0201	.0175	.0142	.0122	.0108
5.84	.0200	.0175	.0142	.0122	.0108
5.85	.0200	.0174	.0142	.0122	.0108
5.86	.0199	.0174	.0141	.0121	.0108
5.87	.0199	.0173	.0141	.0121	.0107
5.88	.0198	.0173	.0140	.0121	.0107
5.89	.0198	.0172	.0140	.0120	.0107
5.90	.0197	.0172	.0140	.0120	.0106
5.91	.0197	.0171	.0139	.0120	.0106
5.92	.0196	.0171	.0139	.0119	.0106
5.93	.0196	.0170	.0139	.0119	.0106
5.94	.0195	.0170	.0138	.0119	.0105
5.95	.0194	.0169	.0138	.0118	.0105
5.96	.0194	.0169	.0138	.0118	.0105
5.97	.0193	.0169	.0137	.0118	.0105
5.98	.0193	.0168	.0137	.0118	.0104
5.99	.0192	.0168	.0136	.0117	.0104
6.00	.0192	.0167	.0136	.0117	.0104

$W_0(x, r)$

x/r	1	1.1	1.25	1.5	2.0
6.00	.0294	.0285	.0273	.0256	.0229
6.01	.0293	.0284	.0272	.0255	.0228
6.02	.0292	.0283	.0273	.0255	.0228
6.03	.0291	.0282	.0271	.0254	.0227
6.04	.0290	.0282	.0270	.0253	.0226
6.05	.0289	.0281	.0269	.0252	.0226
6.06	.0288	.0280	.0268	.0250	.0225
6.07	.0287	.0279	.0267	.0251	.0224
6.08	.0287	.0278	.0267	.0250	.0224
6.09	.0286	.0277	.0266	.0249	.0223
6.10	.0285	.0276	.0265	.0249	.0223
6.11	.0284	.0276	.0264	.0248	.0222
6.12	.0283	.0275	.0264	.0247	.0221
6.13	.0282	.0274	.0263	.0247	.0221
6.14	.0281	.0273	.0262	.0246	.0220
6.15	.0280	.0278	.0261	.0245	.0220
6.16	.0280	.0272	.0260	.0244	.0219
6.17	.0279	.0271	.0260	.0244	.0218
6.18	.0278	.0270	.0259	.0243	.0218
6.19	.0277	.0269	.0258	.0242	.0217
6.20	.0276	.0268	.0257	.0242	.0216
6.21	.0275	.0267	.0257	.0241	.0215
6.22	.0275	.0267	.0256	.0240	.0215
6.23	.0274	.0266	.0255	.0239	.0214
6.24	.0273	.0265	.0254	.0239	
6.25	.0272	.0264	.0254	.0238	.0213
6.26	.0271	.0264	.0253	.0237	.0213
6.27	.0271	.0263	.0253	.0237	.0212
6.28	.0270	.0262	.0251	.0236	.0212
6.29	.0269	.0261	.0251	.0235	.0211
6.30	.0268	.0260	.0250	.0235	.0211
6.31	.0267	.0260	.0249	.0234	.0210
6.32	.0267	.0259	.0249	.0233	.0209
6.33	.0266	.0258	.0248	.0233	.0209
6.34	.0265	.0257	.0247	.0232	.0208
6.35	.0264	.0257	.0246	.0231	.0208
6.36	.0263	.0256	.0246	.0231	.0207
6.37	.0263	.0255	.0245	.0230	.0207
6.38	.0262	.0254	.0244	.0230	.0206
6.39	.0261	.0254	.0244	.0229	.0205
6.40	.0260	.0253	.0243	.0228	.0205
6.41	.0260	.0252	.0242	.0228	.0204
6.42	.0259	.0251	.0241	.0227	.0204
6.43	.0258	.0251	.0241	.0226	.0203
6.44	.0257	.0250	.0240	.0226	.0203
6.45	.0257	.0249	.0239	.0225	.0202
6.46	.0256	.0249	.0239	.0224	.0202
6.47	.0255	.0248	.0238	.0224	.0201
6.48	.0254	.0247	.0237	.0223	.0201
6.49	.0254	.0246	.0237	.0223	.0200
6.50	.0253	.0246	.0236	.0222	.0199
6.51	.0253	.0245	.0235	.0221	.0199
6.52	.0251	.0244	.0235	.0221	.0198
6.53	.0251	.0244	.0234	.0220	.0198
6.54	.0250	.0243	.0233	.0220	.0197
6.55	.0249	.0242	.0233	.0219	.0197
6.56	.0248	.0242	.0232	.0218	.0196
6.57	.0248	.0241	.0231	.0218	.0196
6.58	.0247	.0240	.0231	.0217	.0195
6.59	.0246	.0239	.0230	.0217	.0195
6.60	.0246	.0239	.0229	.0216	.0194
6.61	.0245	.0238	.0229	.0215	.0194
6.62	.0244	.0237	.0228	.0215	.0193
6.63	.0243	.0237	.0228	.0214	.0193
6.64	.0243	.0236	.0227	.0214	.0192
6.65	.0242	.0235	.0226	.0213	.0192
6.66	.0241	.0235	.0226	.0212	.0191
6.67	.0241	.0234	.0225	.0212	.0191
6.68	.0240	.0233	.0224	.0211	.0190
6.69	.0239	.0233	.0224	.0211	.0190
6.70	.0239	.0238	.0223	.0210	.0189
6.71	.0238	.0231	.0223	.0209	.0189
6.72	.0237	.0231	.0223	.0209	.0188
6.73	.0237	.0230	.0221	.0208	.0188
6.74	.0236	.0229	.0221	.0208	.0187
6.75	.0235	.0229	.0220	.0207	.0187

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
6.00	.0192	.0167	.0136	.0117	.0104
6.01	.0191	.0167	.0136	.0117	.0103
6.02	.0191	.0166	.0135	.0116	.0103
6.03	.0190	.0166	.0135	.0116	.0103
6.04	.0190	.0165	.0135	.0116	.0103
6.05	.0189	.0165	.0134	.0115	.0102
6.06	.0189	.0165	.0134	.0115	.0102
6.07	.0188	.0164	.0134	.0115	.0102
6.08	.0188	.0164	.0133	.0115	.0102
6.09	.0187	.0163	.0133	.0114	.0101
6.10	.0187	.0163	.0133	.0114	.0101
6.11	.0186	.0163	.0132	.0114	.0101
6.12	.0186	.0162	.0132	.0113	.0101
6.13	.0185	.0162	.0132	.0113	.0100
6.14	.0185	.0161	.0131	.0113	.0100
6.15	.0184	.0161	.0131	.0113	.0100
6.16	.0184	.0160	.0131	.0112	.0100
6.17	.0183	.0160	.0130	.0112	.0099
6.18	.0183	.0159	.0130	.0112	.0099
6.19	.0182	.0159	.0130	.0111	.0099
6.20	.0182	.0159	.0129	.0111	.0099
6.21	.0181	.0158	.0129	.0111	.0098
6.22	.0181	.0158	.0129	.0111	.0098
6.23	.0180	.0157	.0128	.0110	.0098
6.24	.0180	.0157	.0128	.0110	.0098
6.25	.0179	.0157	.0128	.0110	.0097
6.26	.0179	.0156	.0127	.0110	.0097
6.27	.0178	.0156	.0127	.0109	.0097
6.28	.0178	.0155	.0127	.0109	.0097
6.29	.0178	.0155	.0126	.0109	.0096
6.30	.0177	.0155	.0126	.0108	.0096
6.31	.0177	.0154	.0126	.0108	.0096
6.32	.0176	.0154	.0125	.0108	.0096
6.33	.0176	.0153	.0125	.0108	.0096
6.34	.0175	.0153	.0125	.0107	.0095
6.35	.0175	.0153	.0125	.0107	.0095
6.36	.0174	.0152	.0124	.0107	.0095
6.37	.0174	.0152	.0124	.0107	.0095
6.38	.0173	.0152	.0124	.0106	.0094
6.39	.0173	.0151	.0123	.0106	.0094
6.40	.0173	.0151	.0123	.0106	.0094
6.41	.0172	.0150	.0123	.0106	.0094
6.42	.0172	.0150	.0122	.0105	.0093
6.43	.0171	.0150	.0122	.0105	.0093
6.44	.0171	.0149	.0122	.0105	.0093
6.45	.0170	.0149	.0122	.0105	.0093
6.46	.0170	.0148	.0121	.0104	.0093
6.47	.0169	.0148	.0121	.0104	.0093
6.48	.0169	.0148	.0121	.0104	.0093
6.49	.0169	.0147	.0120	.0104	.0093
6.50	.0168	.0147	.0120	.0103	.0092
6.51	.0168	.0147	.0120	.0103	.0091
6.52	.0167	.0146	.0119	.0103	.0091
6.53	.0167	.0146	.0119	.0103	.0091
6.54	.0166	.0146	.0119	.0102	.0091
6.55	.0166	.0145	.0119	.0102	.0091
6.56	.0166	.0145	.0118	.0102	.0090
6.57	.0165	.0144	.0118	.0102	.0090
6.58	.0165	.0144	.0118	.0101	.0090
6.59	.0164	.0144	.0117	.0101	.0090
6.60	.0164	.0143	.0117	.0101	.0090
6.61	.0163	.0143	.0117	.0101	.0089
6.62	.0163	.0143	.0117	.0100	.0089
6.63	.0163	.0142	.0116	.0100	.0089
6.64	.0162	.0142	.0116	.0100	.0089
6.65	.0162	.0142	.0116	.0100	.0089
6.66	.0161	.0141	.0115	.0099	.0088
6.67	.0161	.0141	.0115	.0099	.0088
6.68	.0161	.0141	.0115	.0099	.0088
6.69	.0160	.0140	.0115	.0099	.0088
6.70	.0160	.0140	.0114	.0098	.0087
6.71	.0159	.0140	.0114	.0098	.0087
6.72	.0159	.0139	.0114	.0098	.0087
6.73	.0159	.0139	.0114	.0098	.0087
6.74	.0158	.0139	.0113	.0098	.0087
6.75	.0158	.0138	.0113	.0097	.0086

$W_o(x, r)$

x	1	1.1	1.25	1.5	2.0
6.75	.0235	.0229	.0220	.0207	.0187
6.76	.0235	.0228	.0219	.0207	.0186
6.77	.0234	.0228	.0219	.0206	.0186
6.78	.0233	.0227	.0218	.0206	.0185
6.79	.0233	.0226	.0218	.0205	.0185
6.80	.0232	.0226	.0217	.0204	.0184
6.81	.0231	.0225	.0216	.0204	.0184
6.82	.0231	.0224	.0216	.0203	.0183
6.83	.0230	.0224	.0215	.0203	.0183
6.84	.0229	.0223	.0215	.0202	.0182
6.85	.0229	.0223	.0214	.0202	.0182
6.86	.0228	.0222	.0214	.0201	.0181
6.87	.0227	.0221	.0213	.0201	.0181
6.88	.0227	.0221	.0212	.0200	.0180
6.89	.0226	.0220	.0212	.0200	.0180
6.90	.0226	.0220	.0211	.0199	.0180
6.91	.0225	.0219	.0211	.0199	.0179
6.92	.0224	.0218	.0210	.0198	.0179
6.93	.0224	.0218	.0209	.0198	.0178
6.94	.0223	.0217	.0209	.0197	.0178
6.95	.0222	.0217	.0208	.0196	.0177
6.96	.0222	.0216	.0208	.0196	.0177
6.97	.0221	.0215	.0207	.0195	.0176
6.98	.0221	.0215	.0207	.0195	.0176
6.99	.0220	.0214	.0206	.0194	.0175
7.00	.0219	.0214	.0206	.0194	.0175
7.01	.0219	.0213	.0205	.0193	.0175
7.02	.0218	.0212	.0204	.0193	.0174
7.03	.0218	.0212	.0204	.0192	.0174
7.04	.0217	.0211	.0203	.0192	.0173
7.05	.0216	.0211	.0203	.0191	.0173
7.06	.0216	.0210	.0203	.0191	.0172
7.07	.0215	.0210	.0202	.0190	.0172
7.08	.0215	.0209	.0201	.0190	.0171
7.09	.0214	.0208	.0201	.0189	.0171
7.10	.0213	.0208	.0200	.0189	.0171
7.11	.0213	.0207	.0200	.0188	.0170
7.12	.0212	.0207	.0199	.0188	.0170
7.13	.0212	.0206	.0199	.0187	.0169
7.14	.0211	.0206	.0198	.0187	.0169
7.15	.0211	.0205	.0198	.0186	.0168
7.16	.0210	.0205	.0197	.0186	.0168
7.17	.0209	.0204	.0196	.0185	.0168
7.18	.0209	.0203	.0196	.0185	.0167
7.19	.0208	.0203	.0195	.0185	.0167
7.20	.0208	.0202	.0195	.0184	.0166
7.21	.0207	.0202	.0194	.0184	.0166
7.22	.0207	.0201	.0194	.0183	.0166
7.23	.0206	.0201	.0193	.0183	.0165
7.24	.0206	.0200	.0193	.0182	.0165
7.25	.0205	.0200	.0192	.0182	.0164
7.26	.0204	.0199	.0192	.0181	.0164
7.27	.0204	.0199	.0191	.0181	.0164
7.28	.0203	.0198	.0191	.0180	.0163
7.29	.0203	.0198	.0190	.0180	.0163
7.30	.0202	.0197	.0190	.0179	.0168
7.31	.0202	.0197	.0189	.0179	.0168
7.32	.0201	.0196	.0189	.0178	.0168
7.33	.0201	.0195	.0188	.0178	.0161
7.34	.0200	.0195	.0188	.0178	.0161
7.35	.0200	.0194	.0187	.0177	.0160
7.36	.0199	.0194	.0187	.0177	.0160
7.37	.0199	.0193	.0186	.0176	.0160
7.38	.0198	.0193	.0186	.0176	.0159
7.39	.0197	.0192	.0186	.0175	.0159
7.40	.0197	.0192	.0185	.0175	.0158
7.41	.0196	.0191	.0185	.0174	.0158
7.42	.0196	.0191	.0184	.0174	.0158
7.43	.0195	.0190	.0184	.0174	.0157
7.44	.0195	.0190	.0183	.0173	.0157
7.45	.0194	.0189	.0183	.0173	.0156
7.46	.0194	.0189	.0182	.0172	.0156
7.47	.0193	.0188	.0182	.0172	.0156
7.48	.0193	.0188	.0181	.0171	.0155
7.49	.0192	.0187	.0181	.0171	.0155
7.50	.0192	.0187	.0180	.0171	.0155

$W_o(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
6.75	.0158	.0138	.0113	.0097	.0086
6.76	.0157	.0138	.0113	.0097	.0086
6.77	.0157	.0138	.0113	.0097	.0086
6.78	.0157	.0137	.0112	.0097	.0086
6.79	.0156	.0137	.0112	.0096	.0086
6.80	.0156	.0137	.0112	.0096	.0085
6.81	.0155	.0136	.0111	.0096	.0085
6.82	.0155	.0136	.0111	.0096	.0085
6.83	.0155	.0136	.0111	.0096	.0085
6.84	.0154	.0135	.0111	.0095	.0085
6.85	.0154	.0135	.0110	.0095	.0084
6.86	.0153	.0135	.0110	.0095	.0084
6.87	.0153	.0134	.0110	.0095	.0084
6.88	.0153	.0134	.0110	.0094	.0084
6.89	.0152	.0134	.0109	.0094	.0084
6.90	.0152	.0133	.0109	.0094	.0084
6.91	.0152	.0133	.0109	.0094	.0083
6.92	.0151	.0133	.0109	.0094	.0083
6.93	.0151	.0132	.0108	.0093	.0083
6.94	.0150	.0132	.0108	.0093	.0083
6.95	.0150	.0132	.0108	.0093	.0083
6.96	.0150	.0131	.0108	.0093	.0082
6.97	.0149	.0131	.0107	.0093	.0082
6.98	.0149	.0131	.0107	.0092	.0082
6.99	.0149	.0130	.0107	.0092	.0082
7.00	.0148	.0130	.0107	.0092	.0082
7.01	.0148	.0130	.0106	.0092	.0081
7.02	.0148	.0130	.0106	.0091	.0081
7.03	.0147	.0129	.0106	.0091	.0081
7.04	.0147	.0129	.0106	.0091	.0081
7.05	.0147	.0129	.0105	.0091	.0081
7.06	.0146	.0128	.0105	.0091	.0081
7.07	.0146	.0128	.0105	.0090	.0080
7.08	.0145	.0128	.0105	.0090	.0080
7.09	.0145	.0127	.0104	.0090	.0080
7.10	.0145	.0127	.0104	.0090	.0080
7.11	.0144	.0127	.0104	.0090	.0080
7.12	.0144	.0127	.0104	.0089	.0080
7.13	.0144	.0126	.0104	.0089	.0079
7.14	.0143	.0126	.0103	.0089	.0079
7.15	.0143	.0126	.0103	.0089	.0079
7.16	.0143	.0125	.0103	.0089	.0079
7.17	.0142	.0125	.0103	.0088	.0079
7.18	.0142	.0125	.0102	.0088	.0078
7.19	.0142	.0124	.0102	.0088	.0078
7.20	.0141	.0124	.0102	.0088	.0078
7.21	.0141	.0124	.0102	.0088	.0078
7.22	.0141	.0124	.0101	.0087	.0078
7.23	.0140	.0123	.0101	.0087	.0078
7.24	.0140	.0123	.0101	.0087	.0077
7.25	.0140	.0123	.0101	.0087	.0077
7.26	.0139	.0122	.0101	.0087	.0077
7.27	.0139	.0122	.0100	.0087	.0077
7.28	.0139	.0122	.0100	.0086	.0077
7.29	.0138	.0122	.0100	.0086	.0077
7.30	.0138	.0121	.0100	.0086	.0076
7.31	.0138	.0121	.0099	.0086	.0076
7.32	.0137	.0121	.0099	.0086	.0076
7.33	.0137	.0121	.0099	.0085	.0076
7.34	.0137	.0120	.0099	.0085	.0076
7.35	.0136	.0120	.0099	.0085	.0076
7.36	.0136	.0120	.0098	.0085	.0075
7.37	.0136	.0119	.0098	.0085	.0075
7.38	.0135	.0119	.0098	.0084	.0075
7.39	.0135	.0119	.0098	.0084	.0075
7.40	.0135	.0119	.0097	.0084	.0075
7.41	.0135	.0118	.0097	.0084	.0075
7.42	.0134	.0118	.0097	.0084	.0074
7.43	.0134	.0118	.0097	.0084	.0074
7.44	.0134	.0118	.0097	.0083	.0074
7.45	.0133	.0117	.0096	.0083	.0074
7.46	.0133	.0117	.0096	.0083	.0074
7.47	.0133	.0117	.0096	.0083	.0074
7.48	.0132	.0116	.0096	.0083	.0074
7.49	.0132	.0116	.0096	.0082	.0073
7.50	.0132	.0116	.0095	.0082	.0073

$W_0(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
7.50	.0192	.0187	.0180	.0171	.0155
7.51	.0191	.0187	.0180	.0170	.0154
7.52	.0191	.0186	.0179	.0170	.0154
7.53	.0190	.0186	.0179	.0169	.0153
7.54	.0190	.0185	.0179	.0169	.0153
7.55	.0189	.0185	.0178	.0168	.0153
7.56	.0189	.0184	.0178	.0168	.0152
7.57	.0188	.0184	.0177	.0168	.0152
7.58	.0188	.0183	.0177	.0167	.0152
7.59	.0187	.0183	.0176	.0167	.0151
7.60	.0187	.0182	.0176	.0166	.0151
7.61	.0186	.0182	.0175	.0166	.0151
7.62	.0186	.0181	.0175	.0166	.0150
7.63	.0185	.0181	.0175	.0165	.0150
7.64	.0185	.0180	.0174	.0165	.0149
7.65	.0185	.0180	.0174	.0164	.0149
7.66	.0184	.0180	.0173	.0164	.0149
7.67	.0184	.0179	.0173	.0164	.0148
7.68	.0183	.0179	.0172	.0163	.0148
7.69	.0183	.0178	.0172	.0163	.0148
7.70	.0182	.0178	.0171	.0162	.0147
7.71	.0182	.0177	.0171	.0162	.0147
7.72	.0181	.0177	.0171	.0162	.0147
7.73	.0181	.0176	.0170	.0161	.0146
7.74	.0180	.0176	.0170	.0161	.0146
7.75	.0180	.0175	.0169	.0160	.0146
7.76	.0179	.0175	.0169	.0160	.0145
7.77	.0179	.0175	.0169	.0160	.0145
7.78	.0179	.0174	.0168	.0159	.0145
7.79	.0178	.0174	.0168	.0159	.0144
7.80	.0178	.0173	.0167	.0158	.0144
7.81	.0177	.0173	.0167	.0158	.0144
7.82	.0177	.0172	.0166	.0158	.0143
7.83	.0176	.0172	.0166	.0157	.0143
7.84	.0176	.0172	.0166	.0157	.0143
7.85	.0175	.0171	.0165	.0157	.0142
7.86	.0175	.0171	.0165	.0156	.0142
7.87	.0175	.0170	.0164	.0156	.0142
7.88	.0174	.0170	.0164	.0155	.0141
7.89	.0174	.0169	.0164	.0155	.0141
7.90	.0173	.0169	.0163	.0155	.0141
7.91	.0173	.0169	.0163	.0154	.0140
7.92	.0172	.0168	.0162	.0154	.0140
7.93	.0172	.0168	.0162	.0154	.0140
7.94	.0171	.0167	.0162	.0153	.0139
7.95	.0171	.0167	.0161	.0153	.0139
7.96	.0171	.0167	.0161	.0152	.0139
7.97	.0170	.0166	.0160	.0152	.0138
7.98	.0170	.0166	.0160	.0152	.0138
7.99	.0169	.0165	.0160	.0151	.0138
8.00	.0169	.0165	.0159	.0151	.0137
8.01	.0169	.0164	.0159	.0151	.0137
8.02	.0168	.0164	.0159	.0150	.0137
8.03	.0168	.0164	.0158	.0150	.0136
8.04	.0167	.0163	.0158	.0150	.0136
8.05	.0167	.0163	.0157	.0149	.0136
8.06	.0166	.0162	.0157	.0149	.0136
8.07	.0166	.0162	.0157	.0149	.0135
8.08	.0166	.0162	.0156	.0148	.0135
8.09	.0165	.0161	.0156	.0148	.0135
8.10	.0165	.0161	.0156	.0147	.0134
8.11	.0164	.0161	.0155	.0147	.0134
8.12	.0164	.0160	.0155	.0147	.0134
8.13	.0164	.0160	.0154	.0146	.0133
8.14	.0163	.0159	.0154	.0146	.0133
8.15	.0163	.0159	.0154	.0146	.0133
8.16	.0162	.0159	.0153	.0145	.0132
8.17	.0162	.0158	.0153	.0145	.0132
8.18	.0162	.0158	.0153	.0145	.0132
8.19	.0161	.0157	.0152	.0144	.0132
8.20	.0161	.0157	.0152	.0144	.0131
8.21	.0160	.0157	.0151	.0144	.0131
8.22	.0160	.0156	.0151	.0143	.0131
8.23	.0160	.0156	.0151	.0143	.0130
8.24	.0159	.0156	.0150	.0143	.0130
8.25	.0159	.0155	.0150	.0142	.0130

$W_o(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
7.50	.0132	.0116	.0095	.0082	.0073
7.51	.0131	.0116	.0095	.0082	.0073
7.52	.0131	.0115	.0095	.0082	.0073
7.53	.0131	.0115	.0095	.0082	.0073
7.54	.0131	.0115	.0095	.0082	.0073
7.55	.0130	.0115	.0094	.0081	.0072
7.56	.0130	.0114	.0094	.0081	.0072
7.57	.0130	.0114	.0094	.0081	.0072
7.58	.0129	.0114	.0094	.0081	.0072
7.59	.0129	.0114	.0094	.0081	.0072
7.60	.0129	.0113	.0093	.0081	.0072
7.61	.0128	.0113	.0093	.0080	.0072
7.62	.0128	.0113	.0093	.0080	.0071
7.63	.0128	.0113	.0093	.0080	.0071
7.64	.0128	.0112	.0093	.0080	.0071
7.65	.0127	.0112	.0092	.0080	.0071
7.66	.0127	.0112	.0092	.0080	.0071
7.67	.0127	.0112	.0092	.0079	.0071
7.68	.0126	.0111	.0092	.0079	.0070
7.69	.0126	.0111	.0092	.0079	.0070
7.70	.0126	.0111	.0091	.0079	.0070
7.71	.0126	.0111	.0091	.0079	.0070
7.72	.0125	.0110	.0091	.0079	.0070
7.73	.0125	.0110	.0091	.0078	.0070
7.74	.0125	.0110	.0091	.0078	.0070
7.75	.0124	.0110	.0090	.0078	.0069
7.76	.0124	.0109	.0090	.0078	.0069
7.77	.0124	.0109	.0090	.0078	.0069
7.78	.0124	.0109	.0090	.0078	.0069
7.79	.0123	.0109	.0090	.0077	.0069
7.80	.0123	.0109	.0089	.0077	.0069
7.81	.0123	.0108	.0089	.0077	.0069
7.82	.0123	.0108	.0089	.0077	.0068
7.83	.0122	.0108	.0089	.0077	.0068
7.84	.0122	.0108	.0089	.0077	.0068
7.85	.0122	.0107	.0089	.0076	.0068
7.86	.0121	.0107	.0088	.0076	.0068
7.87	.0121	.0107	.0088	.0076	.0068
7.88	.0121	.0107	.0088	.0076	.0068
7.89	.0121	.0106	.0088	.0076	.0068
7.90	.0120	.0106	.0088	.0076	.0067
7.91	.0120	.0106	.0087	.0076	.0067
7.92	.0120	.0106	.0087	.0075	.0067
7.93	.0120	.0106	.0087	.0075	.0067
7.94	.0119	.0105	.0087	.0075	.0067
7.95	.0119	.0105	.0087	.0075	.0067
7.96	.0119	.0105	.0087	.0075	.0067
7.97	.0118	.0105	.0086	.0075	.0066
7.98	.0118	.0104	.0086	.0074	.0066
7.99	.0118	.0104	.0086	.0074	.0066
8.00	.0118	.0104	.0086	.0074	.0066
8.01	.0117	.0104	.0086	.0074	.0066
8.02	.0117	.0104	.0085	.0074	.0066
8.03	.0117	.0103	.0085	.0074	.0066
8.04	.0117	.0103	.0085	.0074	.0066
8.05	.0116	.0103	.0085	.0075	.0065
8.06	.0116	.0103	.0085	.0073	.0065
8.07	.0116	.0102	.0085	.0073	.0065
8.08	.0116	.0102	.0084	.0073	.0065
8.09	.0115	.0102	.0084	.0073	.0065
8.10	.0115	.0102	.0084	.0073	.0065
8.11	.0115	.0102	.0084	.0073	.0065
8.12	.0115	.0101	.0084	.0072	.0064
8.13	.0114	.0101	.0084	.0072	.0064
8.14	.0114	.0101	.0083	.0072	.0064
8.15	.0114	.0101	.0083	.0072	.0064
8.16	.0114	.0101	.0083	.0072	.0064
8.17	.0113	.0100	.0083	.0072	.0064
8.18	.0113	.0100	.0083	.0072	.0064
8.19	.0113	.0100	.0083	.0071	.0064
8.20	.0113	.0100	.0082	.0071	.0063
8.21	.0112	.0099	.0082	.0071	.0063
8.22	.0112	.0099	.0082	.0071	.0063
8.23	.0112	.0099	.0082	.0071	.0063
8.24	.0112	.0099	.0082	.0071	.0063
8.25	.0112	.0099	.0082	.0071	.0063

$W_0(x, r)$

x/r	1	1.1	1.25	1.5	2.0
8.25	.0159	.0155	.0150	.0142	.0130
8.26	.0159	.0155	.0150	.0142	.0130
8.27	.0158	.0154	.0149	.0142	.0129
8.28	.0158	.0154	.0149	.0141	.0129
8.29	.0157	.0154	.0149	.0141	.0129
8.30	.0157	.0153	.0148	.0141	.0128
8.31	.0157	.0153	.0148	.0140	.0128
8.32	.0156	.0153	.0148	.0140	.0128
8.33	.0156	.0152	.0147	.0140	.0128
8.34	.0156	.0152	.0147	.0140	.0127
8.35	.0155	.0152	.0147	.0139	.0127
8.36	.0155	.0151	.0146	.0139	.0127
8.37	.0154	.0151	.0146	.0139	.0126
8.38	.0154	.0150	.0146	.0138	.0126
8.39	.0154	.0150	.0145	.0138	.0126
8.40	.0153	.0150	.0145	.0138	.0126
8.41	.0153	.0149	.0145	.0137	.0125
8.42	.0153	.0149	.0144	.0137	.0125
8.43	.0152	.0149	.0144	.0137	.0125
8.44	.0152	.0148	.0144	.0136	.0124
8.45	.0151	.0148	.0143	.0136	.0124
8.46	.0151	.0148	.0143	.0136	.0124
8.47	.0151	.0147	.0143	.0135	.0124
8.48	.0150	.0147	.0142	.0135	.0123
8.49	.0150	.0147	.0142	.0135	.0123
8.50	.0150	.0146	.0142	.0135	.0123
8.51	.0149	.0146	.0141	.0134	.0123
8.52	.0149	.0146	.0141	.0134	.0123
8.53	.0149	.0145	.0141	.0134	.0122
8.54	.0148	.0145	.0140	.0133	.0122
8.55	.0148	.0145	.0140	.0133	.0122
8.56	.0148	.0144	.0140	.0133	.0121
8.57	.0147	.0144	.0139	.0138	.0121
8.58	.0147	.0144	.0139	.0138	.0121
8.59	.0147	.0143	.0139	.0138	.0120
8.60	.0146	.0143	.0138	.0132	.0120
8.61	.0146	.0143	.0138	.0131	.0120
8.62	.0146	.0142	.0138	.0131	.0119
8.63	.0145	.0142	.0137	.0131	.0119
8.64	.0145	.0142	.0137	.0130	.0119
8.65	.0145	.0141	.0137	.0130	.0119
8.66	.0144	.0141	.0136	.0130	.0118
8.67	.0144	.0141	.0136	.0130	.0118
8.68	.0144	.0140	.0136	.0129	.0118
8.69	.0143	.0140	.0136	.0129	.0118
8.70	.0143	.0140	.0135	.0129	.0118
8.71	.0143	.0139	.0135	.0128	.0117
8.72	.0142	.0139	.0135	.0128	.0117
8.73	.0142	.0139	.0134	.0128	.0117
8.74	.0142	.0138	.0134	.0128	.0117
8.75	.0141	.0138	.0134	.0127	.0116
8.76	.0141	.0138	.0133	.0127	.0116
8.77	.0141	.0137	.0133	.0127	.0116
8.78	.0140	.0137	.0133	.0126	.0116
8.79	.0140	.0137	.0133	.0126	.0115
8.80	.0140	.0137	.0138	.0126	.0115
8.81	.0139	.0136	.0138	.0126	.0115
8.82	.0139	.0136	.0138	.0125	.0115
8.83	.0139	.0136	.0131	.0125	.0114
8.84	.0138	.0135	.0131	.0125	.0114
8.85	.0138	.0135	.0131	.0124	.0114
8.86	.0138	.0135	.0131	.0124	.0114
8.87	.0137	.0134	.0130	.0124	.0113
8.88	.0137	.0134	.0130	.0124	.0113
8.89	.0137	.0134	.0130	.0123	.0113
8.90	.0137	.0134	.0189	.0123	.0113
8.91	.0136	.0133	.0129	.0123	.0113
8.92	.0136	.0133	.0129	.0123	.0112
8.93	.0136	.0133	.0128	.0122	.0112
8.94	.0135	.0132	.0128	.0122	.0112
8.95	.0135	.0132	.0188	.0122	.0112
8.96	.0135	.0132	.0188	.0122	.0111
8.97	.0134	.0131	.0127	.0121	.0111
8.98	.0134	.0131	.0127	.0121	.0111
8.99	.0134	.0131	.0127	.0121	.0111
9.00	.0133	.0131	.0127	.0121	.0110

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
8.25	.0112	.0099	.0082	.0071	.0063
8.26	.0111	.0098	.0081	.0070	.0063
8.27	.0111	.0098	.0081	.0070	.0063
8.28	.0111	.0098	.0081	.0070	.0062
8.29	.0111	.0098	.0081	.0070	.0062
8.30	.0110	.0098	.0081	.0070	.0062
8.31	.0110	.0097	.0081	.0070	.0062
8.32	.0110	.0097	.0080	.0070	.0062
8.33	.0110	.0097	.0080	.0069	.0062
8.34	.0109	.0097	.0080	.0069	.0062
8.35	.0109	.0097	.0080	.0069	.0062
8.36	.0109	.0096	.0080	.0069	.0062
8.37	.0109	.0096	.0080	.0069	.0061
8.38	.0108	.0096	.0079	.0069	.0061
8.39	.0108	.0096	.0079	.0069	.0061
8.40	.0108	.0096	.0079	.0069	.0061
8.41	.0108	.0095	.0079	.0068	.0061
8.42	.0108	.0095	.0079	.0068	.0061
8.43	.0107	.0095	.0079	.0068	.0061
8.44	.0107	.0095	.0079	.0068	.0061
8.45	.0107	.0095	.0078	.0068	.0060
8.46	.0107	.0094	.0078	.0068	.0060
8.47	.0106	.0094	.0078	.0068	.0060
8.48	.0106	.0094	.0078	.0067	.0060
8.49	.0106	.0094	.0078	.0067	.0060
8.50	.0106	.0094	.0078	.0067	.0060
8.51	.0106	.0094	.0077	.0067	.0060
8.52	.0105	.0093	.0077	.0067	.0060
8.53	.0105	.0093	.0077	.0067	.0060
8.54	.0105	.0093	.0077	.0067	.0059
8.55	.0105	.0093	.0077	.0067	.0059
8.56	.0104	.0093	.0077	.0066	.0059
8.57	.0104	.0092	.0077	.0066	.0059
8.58	.0104	.0092	.0076	.0066	.0059
8.59	.0104	.0092	.0076	.0066	.0059
8.60	.0104	.0092	.0076	.0066	.0059
8.61	.0103	.0092	.0076	.0066	.0059
8.62	.0103	.0091	.0076	.0066	.0059
8.63	.0103	.0091	.0076	.0066	.0058
8.64	.0103	.0091	.0076	.0065	.0058
8.65	.0103	.0091	.0075	.0065	.0058
8.66	.0102	.0091	.0075	.0065	.0058
8.67	.0102	.0091	.0075	.0065	.0058
8.68	.0102	.0090	.0075	.0065	.0058
8.69	.0102	.0090	.0075	.0065	.0058
8.70	.0101	.0090	.0075	.0065	.0058
8.71	.0101	.0090	.0075	.0065	.0058
8.72	.0101	.0090	.0074	.0064	.0057
8.73	.0101	.0089	.0074	.0064	.0057
8.74	.0101	.0089	.0074	.0064	.0057
8.75	.0100	.0089	.0074	.0064	.0057
8.76	.0100	.0089	.0074	.0064	.0057
8.77	.0100	.0089	.0074	.0064	.0057
8.78	.0100	.0089	.0074	.0064	.0057
8.79	.0100	.0088	.0073	.0064	.0057
8.80	.0099	.0088	.0073	.0064	.0057
8.81	.0099	.0088	.0073	.0063	.0057
8.82	.0099	.0088	.0073	.0063	.0056
8.83	.0099	.0088	.0073	.0063	.0056
8.84	.0099	.0088	.0073	.0063	.0056
8.85	.0098	.0087	.0073	.0063	.0056
8.86	.0098	.0087	.0072	.0063	.0056
8.87	.0098	.0087	.0072	.0063	.0056
8.88	.0098	.0087	.0072	.0063	.0056
8.89	.0098	.0087	.0072	.0062	.0056
8.90	.0097	.0087	.0072	.0062	.0056
8.91	.0097	.0086	.0072	.0062	.0055
8.92	.0097	.0086	.0072	.0062	.0055
8.93	.0097	.0086	.0071	.0062	.0055
8.94	.0097	.0086	.0071	.0062	.0055
8.95	.0096	.0086	.0071	.0062	.0055
8.96	.0096	.0086	.0071	.0062	.0055
8.97	.0096	.0085	.0071	.0062	.0055
8.98	.0096	.0085	.0071	.0061	.0055
8.99	.0096	.0085	.0071	.0061	.0055
9.00	.0096	.0085	.0071	.0061	.0055

$W_o(x, r)$

X	1	1.1	1.25	1.5	2.0
9.00	.0133	.0131	.0127	.0121	.0110
9.01	.0133	.0130	.0126	.0120	.0110
9.02	.0133	.0130	.0126	.0120	.0110
9.03	.0133	.0130	.0126	.0120	.0110
9.04	.0132	.0129	.0125	.0119	.0110
9.05	.0132	.0129	.0125	.0119	.0109
9.06	.0132	.0129	.0125	.0119	.0109
9.07	.0131	.0129	.0125	.0119	.0109
9.08	.0131	.0128	.0124	.0118	.0109
9.09	.0131	.0128	.0124	.0118	.0108
9.10	.0131	.0128	.0124	.0118	.0108
9.11	.0130	.0127	.0124	.0118	.0108
9.12	.0130	.0127	.0123	.0117	.0108
9.13	.0130	.0127	.0123	.0117	.0108
9.14	.0129	.0127	.0123	.0117	.0107
9.15	.0129	.0126	.0123	.0117	.0107
9.16	.0129	.0126	.0123	.0116	.0107
9.17	.0129	.0126	.0122	.0116	.0107
9.18	.0128	.0125	.0122	.0116	.0106
9.19	.0128	.0125	.0121	.0116	.0106
9.20	.0128	.0125	.0121	.0115	.0106
9.21	.0127	.0125	.0121	.0115	.0106
9.22	.0127	.0124	.0121	.0115	.0106
9.23	.0127	.0124	.0120	.0115	.0105
9.24	.0127	.0124	.0120	.0115	.0105
9.25	.0126	.0124	.0120	.0114	.0105
9.26	.0126	.0123	.0120	.0114	.0105
9.27	.0126	.0123	.0119	.0114	.0104
9.28	.0125	.0123	.0119	.0114	.0104
9.29	.0125	.0123	.0119	.0113	.0104
9.30	.0125	.0122	.0119	.0113	.0104
9.31	.0125	.0122	.0118	.0113	.0104
9.32	.0124	.0122	.0118	.0113	.0103
9.33	.0124	.0121	.0118	.0113	.0103
9.34	.0124	.0121	.0118	.0113	.0103
9.35	.0124	.0121	.0117	.0112	.0103
9.36	.0123	.0121	.0117	.0112	.0103
9.37	.0123	.0120	.0117	.0111	.0102
9.38	.0123	.0120	.0117	.0111	.0102
9.39	.0122	.0120	.0116	.0111	.0102
9.40	.0122	.0120	.0116	.0111	.0102
9.41	.0122	.0119	.0116	.0111	.0102
9.42	.0122	.0119	.0116	.0110	.0101
9.43	.0121	.0119	.0115	.0110	.0101
9.44	.0121	.0119	.0115	.0110	.0101
9.45	.0121	.0118	.0115	.0110	.0101
9.46	.0121	.0118	.0115	.0109	.0100
9.47	.0120	.0118	.0114	.0109	.0100
9.48	.0120	.0118	.0114	.0109	.0100
9.49	.0120	.0117	.0114	.0109	.0100
9.50	.0120	.0117	.0114	.0108	.0100
9.51	.0119	.0117	.0113	.0108	.0099
9.52	.0119	.0117	.0113	.0108	.0099
9.53	.0119	.0116	.0113	.0108	.0099
9.54	.0119	.0116	.0113	.0108	.0099
9.55	.0118	.0116	.0113	.0107	.0099
9.56	.0118	.0116	.0112	.0107	.0099
9.57	.0118	.0115	.0112	.0107	.0098
9.58	.0118	.0115	.0112	.0107	.0098
9.59	.0117	.0115	.0112	.0107	.0098
9.60	.0117	.0115	.0111	.0106	.0098
9.61	.0117	.0114	.0111	.0106	.0098
9.62	.0117	.0114	.0111	.0106	.0097
9.63	.0116	.0114	.0111	.0106	.0097
9.64	.0116	.0114	.0110	.0105	.0097
9.65	.0116	.0114	.0110	.0105	.0097
9.66	.0116	.0113	.0110	.0105	.0097
9.67	.0115	.0113	.0110	.0105	.0096
9.68	.0115	.0113	.0110	.0105	.0096
9.69	.0115	.0113	.0109	.0104	.0096
9.70	.0115	.0112	.0109	.0104	.0096
9.71	.0114	.0112	.0109	.0104	.0096
9.72	.0114	.0112	.0109	.0104	.0096
9.73	.0114	.0112	.0108	.0104	.0095
9.74	.0114	.0111	.0108	.0103	.0095
9.75	.0113	.0111	.0108	.0103	.0095

$W_0(x, r)$

X \ T	3.0	4.0	6.0	8.0	10.0
9.00	.0096	.0085	.0071	.0061	.0055
9.01	.0095	.0085	.0070	.0061	.0054
9.02	.0095	.0085	.0070	.0061	.0054
9.03	.0095	.0084	.0070	.0061	.0054
9.04	.0095	.0084	.0070	.0061	.0054
9.05	.0095	.0084	.0070	.0061	.0054
9.06	.0094	.0084	.0070	.0061	.0054
9.07	.0094	.0084	.0070	.0060	.0054
9.08	.0094	.0084	.0070	.0060	.0054
9.09	.0094	.0083	.0069	.0060	.0054
9.10	.0094	.0083	.0069	.0060	.0054
9.11	.0093	.0083	.0069	.0060	.0054
9.12	.0093	.0083	.0069	.0060	.0053
9.13	.0093	.0083	.0069	.0060	.0053
9.14	.0093	.0083	.0069	.0060	.0053
9.15	.0093	.0082	.0069	.0060	.0053
9.16	.0093	.0082	.0068	.0059	.0053
9.17	.0092	.0082	.0068	.0059	.0053
9.18	.0092	.0082	.0068	.0059	.0053
9.19	.0092	.0082	.0068	.0059	.0053
9.20	.0092	.0082	.0068	.0059	.0053
9.21	.0092	.0082	.0068	.0059	.0053
9.22	.0091	.0081	.0068	.0059	.0052
9.23	.0091	.0081	.0068	.0059	.0052
9.24	.0091	.0081	.0068	.0059	.0052
9.25	.0091	.0081	.0067	.0059	.0052
9.26	.0091	.0081	.0067	.0058	.0052
9.27	.0091	.0081	.0067	.0058	.0052
9.28	.0090	.0080	.0067	.0058	.0052
9.29	.0090	.0080	.0067	.0058	.0052
9.30	.0090	.0080	.0067	.0058	.0052
9.31	.0090	.0080	.0067	.0058	.0052
9.32	.0090	.0080	.0067	.0058	.0052
9.33	.0090	.0080	.0066	.0058	.0051
9.34	.0089	.0080	.0066	.0058	.0051
9.35	.0089	.0079	.0066	.0057	.0051
9.36	.0089	.0079	.0066	.0057	.0051
9.37	.0089	.0079	.0066	.0057	.0051
9.38	.0089	.0079	.0066	.0057	.0051
9.39	.0089	.0079	.0066	.0057	.0051
9.40	.0088	.0079	.0066	.0057	.0051
9.41	.0088	.0079	.0065	.0057	.0051
9.42	.0088	.0078	.0065	.0057	.0051
9.43	.0088	.0078	.0065	.0057	.0051
9.44	.0088	.0078	.0065	.0057	.0051
9.45	.0088	.0078	.0065	.0056	.0050
9.46	.0087	.0078	.0065	.0056	.0050
9.47	.0087	.0078	.0065	.0056	.0050
9.48	.0087	.0078	.0065	.0056	.0050
9.49	.0087	.0077	.0065	.0056	.0050
9.50	.0087	.0077	.0064	.0056	.0050
9.51	.0087	.0077	.0064	.0056	.0050
9.52	.0086	.0077	.0064	.0056	.0050
9.53	.0086	.0077	.0064	.0056	.0050
9.54	.0086	.0077	.0064	.0056	.0050
9.55	.0086	.0077	.0064	.0056	.0050
9.56	.0086	.0076	.0064	.0055	.0049
9.57	.0086	.0076	.0064	.0055	.0049
9.58	.0085	.0076	.0064	.0055	.0049
9.59	.0085	.0076	.0063	.0055	.0049
9.60	.0085	.0076	.0063	.0055	.0049
9.61	.0085	.0076	.0063	.0055	.0049
9.62	.0085	.0076	.0063	.0055	.0049
9.63	.0085	.0075	.0063	.0055	.0049
9.64	.0084	.0075	.0063	.0055	.0049
9.65	.0084	.0075	.0063	.0055	.0049
9.66	.0084	.0075	.0063	.0054	.0049
9.67	.0084	.0075	.0063	.0054	.0049
9.68	.0084	.0075	.0062	.0054	.0048
9.69	.0084	.0075	.0062	.0054	.0048
9.70	.0083	.0074	.0062	.0054	.0048
9.71	.0083	.0074	.0062	.0054	.0048
9.72	.0083	.0074	.0062	.0054	.0048
9.73	.0083	.0074	.0062	.0054	.0048
9.74	.0083	.0074	.0062	.0054	.0048
9.75	.0083	.0074	.0062	.0054	.0048

$W_0(x, r)$

X	1	.1	1.25	1.5	2.0
9.75	.0113	.0111	.0108	.0103	.0095
9.76	.0113	.0111	.0108	.0103	.0095
9.77	.0113	.0111	.0108	.0103	.0095
9.78	.0113	.0110	.0107	.0103	.0094
9.79	.0113	.0110	.0107	.0103	.0094
9.80	.0112	.0110	.0107	.0102	.0094
9.81	.0112	.0110	.0107	.0102	.0094
9.82	.0112	.0110	.0106	.0102	.0094
9.83	.0112	.0109	.0106	.0101	.0094
9.84	.0111	.0109	.0106	.0101	.0093
9.85	.0111	.0109	.0106	.0101	.0093
9.86	.0111	.0109	.0106	.0101	.0093
9.87	.0111	.0108	.0105	.0101	.0093
9.88	.0110	.0108	.0105	.0100	.0093
9.89	.0110	.0108	.0105	.0100	.0093
9.90	.0110	.0108	.0105	.0100	.0093
9.91	.0110	.0108	.0105	.0100	.0093
9.92	.0110	.0107	.0104	.0100	.0093
9.93	.0109	.0107	.0104	.0100	.0093
9.94	.0109	.0107	.0104	.0099	.0093
9.95	.0109	.0107	.0104	.0099	.0091
9.96	.0109	.0107	.0103	.0099	.0091
9.97	.0108	.0106	.0103	.0099	.0091
9.98	.0108	.0106	.0103	.0099	.0091
9.99	.0108	.0106	.0103	.0098	.0091
10.00	.0108	.0106	.0103	.0098	.0091

$W_0(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
9.75	.0083	.0074	.0062	.0054	.0048
9.76	.0083	.0074	.0062	.0054	.0048
9.77	.0082	.0074	.0061	.0053	.0048
9.78	.0082	.0073	.0061	.0053	.0048
9.79	.0082	.0073	.0061	.0053	.0048
9.80	.0082	.0073	.0061	.0053	.0048
9.81	.0082	.0073	.0061	.0053	.0047
9.82	.0082	.0073	.0061	.0053	.0047
9.83	.0082	.0073	.0061	.0053	.0047
9.84	.0081	.0073	.0061	.0053	.0047
9.85	.0081	.0073	.0061	.0053	.0047
9.86	.0081	.0072	.0061	.0053	.0047
9.87	.0081	.0072	.0060	.0053	.0047
9.88	.0081	.0072	.0060	.0052	.0047
9.89	.0081	.0072	.0060	.0052	.0047
9.90	.0080	.0072	.0060	.0052	.0047
9.91	.0080	.0072	.0060	.0052	.0047
9.92	.0080	.0072	.0060	.0052	.0047
9.93	.0080	.0071	.0060	.0052	.0046
9.94	.0080	.0071	.0060	.0052	.0046
9.95	.0080	.0071	.0060	.0052	.0046
9.96	.0080	.0071	.0059	.0052	.0046
9.97	.0079	.0071	.0059	.0052	.0046
9.98	.0079	.0071	.0059	.0052	.0046
9.99	.0079	.0071	.0059	.0052	.0046
10.00	.0079	.0071	.0059	.0051	.0046

$W_1(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.00	.50000000	.509233570	.51429563	.51031036	.48613591
.01	.50121890	.509922818	.51442649	.50988786	.48522422
.02	.50237625	.51055496	.51451212	.50942878	.48426490
.03	.50347296	.51113503	.51455322	.50893373	.48331847
.04	.50450994	.51166315	.51455052	.50840335	.48232546
.05	.50548811	.51214012	.51450472	.50783825	.48130637
.06	.50640835	.51256673	.51441651	.50723901	.48026172
.07	.50727153	.51294377	.51428659	.50660625	.47919199
.08	.50807853	.51327200	.51411564	.50594054	.47809768
.09	.50883021	.51355219	.51390432	.50584847	.47697928
.10	.50952739	.51378509	.51365330	.50451261	.47583727
.11	.51017098	.51397144	.51356322	.50375152	.47467211
.12	.51076162	.51411198	.51303474	.50295976	.47348487
.13	.51130030	.51420743	.51266849	.50213788	.47282742
.14	.51178777	.51425850	.512826510	.50128642	.47104240
.15	.51222480	.51426590	.51182519	.50040593	.46978927
.16	.51261219	.51423033	.51134937	.49849693	.46851586
.17	.51295071	.51415247	.51083826	.49855994	.46722088
.18	.51324111	.51403301	.51029244	.49759548	.46590636
.19	.51348415	.51307261	.50971251	.49660405	.46457238
.20	.51368056	.51367195	.50909905	.49558617	.46381912
.21	.51383109	.51343166	.50845263	.49454835	.46184716
.22	.51393645	.51315240	.50777384	.49347308	.46045685
.23	.51399735	.51283481	.50706321	.49237872	.45904861
.24	.51401451	.51247951	.50632133	.49125991	.45762281
.25	.51398862	.51208714	.50554872	.49011706	.45617986
.26	.51398037	.51165830	.50474593	.48895064	.45472015
.27	.51381043	.51193600	.50391350	.48776112	.45324404
.28	.51365948	.51069386	.50305195	.48654893	.45175193
.29	.51346817	.51015900	.50216180	.48531454	.45024417
.30	.51383717	.50959031	.50124358	.48405838	.44878215
.31	.51296711	.50896810	.50029778	.48278089	.44718321
.32	.51265864	.50835896	.49932849	.48148251	.44563071
.33	.51231239	.50768545	.49832545	.48016366	.44066402
.34	.51192897	.50698613	.49729994	.47682476	.44248347
.35	.51150901	.50625555	.49624881	.47746623	.44088940
.36	.51105311	.50549425	.49517256	.47608847	.43928216
.37	.51056186	.50470277	.49407166	.47469190	.43766209
.38	.51003587	.50388163	.49894658	.47327691	.43602950
.39	.50947571	.50303138	.49179777	.47184390	.43438472
.40	.50888197	.50215251	.49062570	.47039325	.43272808
.41	.50825521	.50124554	.48943081	.46892536	.43105989
.42	.50759601	.50031099	.48821354	.46744060	.42938046
.43	.50690490	.49933493	.48697433	.46593935	.42769010
.44	.50618346	.49836108	.48571363	.46442198	.42598912
.45	.50542921	.49734671	.48434184	.46288886	.42427781
.46	.50464570	.49630671	.48312941	.46134034	.42255647
.47	.50383246	.49524156	.48180674	.45977679	.42082540
.48	.50299001	.49415171	.48046424	.45819855	.41908487
.49	.50211887	.49303764	.47910233	.45660598	.41733518
.50	.50121955	.49189980	.47772141	.45499941	.41557661
.51	.50029255	.49073864	.47632186	.45337920	.41380942
.52	.49933838	.48955462	.47490410	.45174566	.41203390
.53	.49835752	.48834818	.47346849	.45009913	.41025038
.54	.49735047	.48711197	.47280154	.44843995	.40848893
.55	.49631770	.48586974	.47084529	.44676842	.40666000
.56	.49525970	.48459862	.46905845	.44508487	.40485379
.57	.49417698	.48330677	.46755528	.44338951	.40304055
.58	.49306984	.48199464	.46603614	.44168296	.40128054
.59	.49193892	.48066261	.46450138	.43996521	.39939400
.60	.49078459	.47931111	.46895137	.43823668	.39756118
.61	.48960732	.47794052	.46138645	.43649765	.39572232
.62	.48840755	.47655125	.45980698	.43474842	.39387766
.63	.48718570	.47514368	.45821329	.43298929	.39202743
.64	.48594288	.47371821	.45660572	.43122053	.39017186
.65	.48467753	.47227521	.45498460	.42944244	.38831118
.66	.48339205	.47081506	.45335087	.42765529	.38644561
.67	.48208619	.46933813	.45170305	.42585936	.38457539
.68	.48076036	.46784479	.45004327	.42405492	.38870072
.69	.47941498	.46633540	.44837183	.42282423	.38082182
.70	.47805044	.46481033	.44668725	.42042157	.37893891
.71	.47666714	.46326992	.44499164	.41859320	.37705220
.72	.47526547	.46171452	.44388472	.41675736	.37516189
.73	.47384582	.46014448	.44156677	.41491433	.37326818
.74	.47240856	.45856015	.43983809	.41306434	.37137128
.75	.47095407	.45696185	.43809899	.41120765	.36947138

$W_1(x, r)$

X	T	3.0	4.0	6.0	8.0	10.0
.00	43301270	39062500	33170173	29278640	26484075	
.01	43185985	38946183	33062407	29179985	26393039	
.02	43068694	38828214	32953358	29080239	26301038	
.03	42949439	38708632	32843040	28979427	26208096	
.04	42828263	38587473	32731501	28877576	26114236	
.05	42705207	38464772	32618765	28774711	26019482	
.06	42580313	38340566	32504861	28670859	25923856	
.07	42453620	38214890	32389818	28566044	25827381	
.08	42325170	38087778	32273564	28460891	25730080	
.09	42195000	37959265	32156429	28353626	25631975	
.10	42063151	37829385	32038138	28246071	25533086	
.11	41929660	37698171	31918281	28137651	25433436	
.12	41794555	37565655	31798504	28088390	25333045	
.13	41657904	37431871	31677213	27918309	25231935	
.14	41519712	37296849	31554975	27807433	25130125	
.15	41380027	37160621	31431815	27695783	25027635	
.16	41238883	37023219	31307759	27583382	24924486	
.17	41096317	36684673	31182838	27470251	24820697	
.18	40952362	36745012	31057058	27356412	24716288	
.19	40807054	36604267	30930463	27241886	24611276	
.20	40660425	36462467	30803069	27126693	24505682	
.21	40512509	36319641	30674901	27010856	24399522	
.22	40363339	36175817	30549882	26894393	24292817	
.23	40212948	36031023	30416335	26777324	24185582	
.24	40061366	35885286	30285983	26659670	24077837	
.25	39908626	35738635	30154947	26541449	23969598	
.26	39754759	35591096	30023251	26422681	23860883	
.27	39599795	35442696	29890914	26303385	23751708	
.28	39443765	35293459	29757960	26183579	23642090	
.29	39286698	35143413	29624409	26063282	23532045	
.30	39128623	34992583	29490282	25942510	23421589	
.31	38969570	34840994	29355598	25821283	23310740	
.32	38809567	34686669	29220380	25699618	23199511	
.33	38648642	34535635	29084645	25577532	23087918	
.34	38486824	34381914	28948414	25455041	22975978	
.35	3824138	34227530	28811707	25332163	22863703	
.36	38160613	34072506	28674541	25208914	22751111	
.37	37996275	33916866	28536936	25085311	22638214	
.38	37831150	33760633	28398911	24961369	22525028	
.39	37665264	33603827	28260483	24837104	22411566	
.40	37498642	33446478	28121671	24712531	22297842	
.41	37331310	3328589	27982491	24587667	22183870	
.42	37163293	33130199	27842963	24462525	22069664	
.43	36994615	32971323	27703101	24332182	21955237	
.44	36825899	32811983	27562925	24211471	21840601	
.45	36655371	32652198	27422449	24085586	21725770	
.46	36484852	32481989	27281691	23959483	21610757	
.47	36313767	32331375	27140667	23833175	21495574	
.48	36142138	32170376	26999393	23706676	21380232	
.49	35969988	32009012	26857883	23580000	21264746	
.50	35797338	31847301	26716155	23453159	21149125	
.51	35624210	31685263	26574222	23326167	21033383	
.52	35450627	31522914	26432101	23199037	20917531	
.53	35276609	31360275	26289805	23071781	20801579	
.54	35102176	31197362	26147349	22944413	20685540	
.55	34972350	31034193	26004748	22816944	20569424	
.56	34752152	30870786	25862015	22689387	20453243	
.57	34576500	30707158	25719165	22561754	20337007	
.58	34400714	30543325	25576211	22434057	20220726	
.59	34224515	30379304	25433167	22306306	20104411	
.60	34048021	30215118	25290045	22178515	19988078	
.61	33871251	30050764	25146859	22050693	19871219	
.62	33694223	29886277	25003622	21922852	19755363	
.63	33516957	29721667	24860347	21795003	19639012	
.64	33339469	29556947	24717045	21667156	19522677	
.65	33161778	29392135	24575730	21539323	19406367	
.66	32983901	29227244	24430412	21411514	19290091	
.67	32805856	29062290	24287105	21283738	19173858	
.68	32627659	28897286	24143819	21156006	19057678	
.69	32449328	28732247	24000566	21028328	18941559	
.70	32270878	28567188	23857358	20900714	18825509	
.71	32092326	28402121	23714206	20773172	18709538	
.72	31913688	28237061	23571120	20645714	18593654	
.73	31734980	28072021	23428111	20518347	18477865	
.74	31556217	27907014	23285191	20391081	18362179	
.75	31377415	27742054	23142369	20263926	18246605	

W₁(x, r)

X	T	1	1.1	1.25	1.5	2.0
.75		.47095407	.45696185	.43809899	.41120765	.36947138
.76		.46948274	.45534993	.43634975	.40934450	.36756869
.77		.46799492	.45372471	.43459065	.40747514	.36566339
.78		.46649098	.45208651	.43282199	.40559980	.36375568
.79		.46497127	.45043566	.43104404	.40371871	.36184573
.80		.46343616	.44877247	.42925707	.40163212	.35993374
.81		.46188599	.44709725	.42746136	.39994024	.35801988
.82		.46032111	.44541032	.42565718	.39804330	.35610435
.83		.45874185	.44371198	.42384480	.39614154	.35416730
.84		.45714857	.44200253	.42202446	.39423515	.35826892
.85		.45554158	.44028227	.42019644	.39232437	.35034938
.86		.45392123	.43851549	.41836099	.39040941	.34848885
.87		.45228783	.43681048	.41651836	.38849048	.34650749
.88		.45064171	.43505953	.41466880	.38656778	.34458546
.89		.44898318	.43329892	.41881255	.38464152	.34366294
.90		.44731256	.43152894	.41094986	.38271191	.34074007
.91		.44563015	.42974984	.40908097	.38077913	.33881702
.92		.44393627	.42796192	.40720611	.37884340	.33689394
.93		.44223121	.42616543	.40532551	.37690490	.33497098
.94		.44051527	.42436064	.40343941	.37496383	.33304830
.95		.43878874	.42254782	.40154803	.37302037	.33112603
.96		.43705192	.42072722	.39965159	.37107472	.32980432
.97		.43530509	.41889909	.39775033	.36912704	.32828333
.98		.43354854	.41706370	.39584844	.36717753	.32536318
.99		.43178255	.41528128	.39393415	.36528636	.32344401
1.00		.43000738	.41337209	.39201968	.36327371	.32152598
1.01		.42882333	.41151636	.39010122	.36131975	.31960920
1.02		.42643064	.40965434	.38817899	.35936466	.31769380
1.03		.42462959	.40778626	.38625319	.35740860	.31577994
1.04		.42282045	.40591235	.38432402	.35545173	.31386771
1.05		.42100346	.40403285	.38239168	.35349422	.31195787
1.06		.41917889	.40214798	.38045637	.35153624	.31004872
1.07		.41734699	.40025796	.37851827	.34957793	.30814219
1.08		.41550801	.39836302	.37657757	.34761945	.30623781
1.09		.41366219	.39646337	.37463448	.34566098	.30433568
1.10		.41180978	.39455923	.37268916	.34370265	.30843593
1.11		.40995101	.39265081	.37074180	.34174461	.30053867
1.12		.40808613	.39073838	.36879288	.33978700	.29864401
1.13		.40621536	.38882197	.36684168	.33782999	.29675207
1.14		.40433894	.38690196	.36488927	.33587370	.29486295
1.15		.40245709	.38497849	.36293553	.33391827	.29297675
1.16		.40057004	.38305176	.36098063	.33196386	.29109360
1.17		.39867801	.38112197	.35902472	.33001059	.28982135
1.18		.39678122	.37918930	.35706799	.32805860	.28733679
1.19		.39487988	.37725395	.35511058	.32610802	.28546335
1.20		.39297421	.37531612	.35315266	.32415898	.28359334
1.21		.391064	.373376	.351194	.32222128	.281727
1.22		.389151	.371434	.349236	.320266	.279864
1.23		.387283	.369489	.347277	.318382	.278005
1.24		.385312	.367543	.345319	.316381	.276150
1.25		.383388	.365596	.343361	.314441	.274298
1.26		.381461	.363647	.341403	.312504	.272451
1.27		.379530	.361697	.339446	.310569	.270607
1.28		.377597	.359745	.337489	.308637	.268768
1.29		.375662	.357793	.335534	.306708	.266933
1.30		.373724	.355840	.333579	.304781	.265103
1.31		.371784	.353886	.331626	.302857	.263277
1.32		.369842	.351932	.329673	.300936	.261455
1.33		.367698	.349978	.327722	.299017	.259638
1.34		.365952	.348024	.325773	.297103	.257825
1.35		.364005	.346059	.323825	.295191	.256017
1.36		.362057	.344115	.321879	.293883	.254214
1.37		.360108	.342161	.319935	.291378	.252416
1.38		.358157	.340808	.317922	.289477	.250623
1.39		.356206	.338858	.316052	.287579	.248835
1.40		.354254	.336303	.314114	.285685	.247052
1.41		.352302	.334352	.312179	.283796	.245274
1.42		.350349	.332408	.310246	.281909	.243501
1.43		.348396	.330453	.308316	.280028	.241733
1.44		.346443	.328505	.306388	.278150	.239971
1.45		.344491	.326559	.304463	.276276	.238214
1.46		.342538	.324614	.302541	.274407	.236463
1.47		.340586	.322671	.300622	.272548	.234717
1.48		.338635	.320730	.298706	.270681	.232977
1.49		.336684	.318790	.296793	.268825	.231848
1.50		.334734	.316854	.294884	.266974	.229514

$W_1(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
.75	31377415	27742054	23142369	20263926	18246605
.76	31198588	27577151	22999655	20136889	18131149
.77	31019751	27412321	22857060	20009979	18015821
.78	30840920	27247574	22714594	19883205	17900627
.79	30662108	27082923	22572267	19755577	17785575
.80	30483329	26918380	22430087	19630101	17670672
.81	30304598	26753957	2228065	19503786	17555926
.82	30125928	26589664	22146210	19377639	17441343
.83	29947332	26425515	22004530	19251669	17326931
.84	29768825	26261519	21863035	19125884	17212697
.85	29590418	26097689	21721734	19000290	17098646
.86	29412125	25934034	21580636	18874896	16984787
.87	29233959	25770565	21439748	18749708	16871125
.88	29055931	25607293	21299080	18624734	16757657
.89	28878055	25444229	21158638	18499981	16644419
.90	28700342	25281381	21018433	18375456	16531387
.91	28522804	25118762	20878471	18251165	16418577
.92	28345452	24956379	20738760	18127116	16305995
.93	28168299	24794242	20599308	18003315	16193648
.94	27991355	24632362	20460122	17879768	16081540
.95	27814632	24470748	20321211	17756481	15969677
.96	27638141	24309408	20182580	17633462	15858056
.97	27461891	24148352	20044238	17510715	15746710
.98	27285894	23987588	19906190	17388247	15635616
.99	27110161	23827125	19768445	17266064	15524789
1.00	26934701	23666971	19631009	17144171	15414234
1.01	26759524	23507136	19493888	17022575	15303956
1.02	26584640	23347626	19357089	16901480	15193959
1.03	26410059	23188451	19280618	16780892	15084249
1.04	26235790	23029618	19084481	16659617	14974831
1.05	26061843	22871134	18948685	16539259	14865708
1.06	25888227	22713008	18813236	16419225	14756886
1.07	25714950	22555247	18678139	16299517	14648369
1.08	25542023	22397859	18543400	16180143	14540161
1.09	25369453	22240849	18409025	16061106	14432266
1.10	25197248	22084226	18275020	15942411	14324690
1.11	25025418	21927997	18141389	15824063	14217435
1.12	24853971	21772168	18008138	15706066	14110505
1.13	24682914	21616745	17875273	15588425	14003906
1.14	24512255	21461736	17742798	15471143	13897639
1.15	24342003	21307147	17610719	15354227	13791711
1.16	24172164	21152984	17479040	15237678	13686123
1.17	24002748	20999253	17347766	15121502	13580879
1.18	23833759	20845960	17216901	15005702	13475983
1.19	23665207	20693111	17086451	14890283	13371439
1.20	23497097	20540712	16956420	14775248	13267250
1.21	233294	203888	168268	146566	131634
1.22	231622	202373	166976	145463	130599
1.23	229955	200863	165689	144325	129558
1.24	228292	199357	164406	143190	128541
1.25	226634	197857	163127	142060	127517
1.26	224981	196361	161853	140933	126497
1.27	223333	194870	160583	139811	125481
1.28	221690	193384	159318	138692	124469
1.29	220051	191903	158057	137578	123460
1.30	218418	190427	156801	136468	122455
1.31	216790	188955	155549	135362	121455
1.32	215167	187490	154302	134260	120458
1.33	213549	186029	153060	133163	119464
1.34	211937	184573	151822	132070	118475
1.35	210350	183123	150590	130981	117490
1.36	208728	181678	149362	129897	116509
1.37	207132	180238	148138	128817	115832
1.38	205541	178803	146980	127741	114559
1.39	203956	177374	145707	126670	113589
1.40	202376	175951	144498	125603	112624
1.41	200802	174532	143294	124541	111663
1.42	199234	173120	142095	123483	110706
1.43	197671	171713	140902	122429	109754
1.44	196114	170311	139713	121380	108805
1.45	194563	168915	138529	120336	107861
1.46	193017	167524	137350	119296	106920
1.47	191478	166140	136177	118261	105984
1.48	189944	164761	135008	117230	105052
1.49	188417	163387	133845	116204	104125
1.50	186895	162020	132686	115183	103201

$W_1(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
1.50	3347	3168	2948	2669	2295
1.51	3328	3149	2930	2651	2278
1.52	3308	3130	2911	2633	2261
1.53	3289	3111	2892	2614	2244
1.54	3269	3091	2873	2596	2227
1.55	3250	3072	2854	2578	2210
1.56	3231	3053	2835	2560	2193
1.57	3212	3034	2816	2541	2176
1.58	3192	3014	2797	2523	2159
1.59	3172	2995	2779	2505	2142
1.60	3153	2976	2760	2487	2125
1.61	3134	2957	2741	2469	2109
1.62	3114	2938	2723	2451	2092
1.63	3095	2919	2704	2434	2076
1.64	3076	2900	2686	2416	2059
1.65	3057	2881	2667	2398	2043
1.66	3038	2862	2649	2380	2027
1.67	3018	2843	2630	2363	2010
1.68	2999	2825	2612	2345	1994
1.69	2980	2806	2594	2328	1978
1.70	2961	2787	2575	2310	1962
1.71	2942	2768	2557	2293	1946
1.72	2923	2750	2539	2275	1930
1.73	2904	2731	2521	2258	1914
1.74	2885	2713	2503	2241	1898
1.75	2866	2694	2485	2224	1883
1.76	2847	2676	2467	2207	1867
1.77	2829	2657	2449	2190	1851
1.78	2810	2639	2431	2173	1836
1.79	2791	2620	2414	2156	1820
1.80	2772	2602	2396	2139	1805
1.81	2754	2584	2378	2122	1790
1.82	2735	2566	2361	2106	1774
1.83	2717	2548	2343	2089	1759
1.84	2698	2530	2326	2072	1744
1.85	2680	2511	2308	2056	1729
1.86	2661	2493	2291	2039	1714
1.87	2643	2476	2273	2023	1699
1.88	2624	2458	2256	2007	1684
1.89	2606	2440	2239	1990	1670
1.90	2588	2422	2222	1974	1655
1.91	2570	2404	2205	1958	1640
1.92	2552	2387	2188	1942	1626
1.93	2534	2369	2171	1926	1611
1.94	2516	2352	2154	1910	1597
1.95	2498	2334	2137	1894	1582
1.96	2480	2317	2121	1878	1568
1.97	2462	2299	2104	1863	1554
1.98	2444	2282	2087	1847	1540
1.99	2426	2265	2071	1832	1526
2.00	2408	2248	2054	1816	1512
2.01	2391	2231	2038	1801	1498
2.02	2374	2213	2021	1785	1484
2.03	2356	2196	2005	1770	1470
2.04	2338	2180	1989	1755	1457
2.05	2321	2163	1973	1740	1443
2.06	2304	2146	1957	1725	1429
2.07	2286	2129	1941	1710	1416
2.08	2269	2112	1925	1695	1402
2.09	2252	2096	1909	1680	1389
2.10	235	2079	1893	1665	1376
2.11	2317	2063	1877	1650	1363
2.12	2200	2046	1862	1636	1349
2.13	2184	2030	1846	1621	1336
2.14	2167	2014	1831	1606	1323
2.15	2150	1997	1815	1592	1310
2.16	2133	1981	1800	1578	1298
2.17	2116	1965	1784	1563	1285
2.18	2100	1949	1769	1549	1272
2.19	2083	1933	1754	1535	1259
2.20	2067	1917	1739	1521	1247
2.21	2050	1902	1724	1507	1234
2.22	2034	1886	1709	1493	1222
2.23	2018	1870	1694	1479	1210
2.24	2001	1854	1679	1465	1197
2.25	1985	1839	1664	1452	1185

$W_1(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
1.50	1.868	1.620	1.326	1.151	1.032
1.51	1.854	1.607	1.315	1.142	1.023
1.52	1.839	1.593	1.304	1.132	1.014
1.53	1.824	1.580	1.292	1.121	1.005
1.54	1.809	1.566	1.281	1.111	0.995
1.55	1.794	1.553	1.270	1.101	0.986
1.56	1.779	1.539	1.258	1.092	0.977
1.57	1.764	1.526	1.247	1.082	0.969
1.58	1.749	1.513	1.236	1.072	0.960
1.59	1.735	1.500	1.225	1.062	0.951
1.60	1.720	1.487	1.214	1.052	0.942
1.61	1.706	1.474	1.203	1.043	0.933
1.62	1.691	1.461	1.192	1.033	0.925
1.63	1.677	1.448	1.181	1.023	0.916
1.64	1.662	1.435	1.170	1.014	0.907
1.65	1.648	1.422	1.159	1.004	0.899
1.66	1.634	1.409	1.149	0.995	0.890
1.67	1.620	1.397	1.138	0.985	0.882
1.68	1.606	1.384	1.127	0.976	0.873
1.69	1.592	1.372	1.117	0.967	0.865
1.70	1.578	1.359	1.106	0.957	0.856
1.71	1.564	1.347	1.096	0.948	0.848
1.72	1.550	1.334	1.085	0.939	0.840
1.73	1.536	1.322	1.075	0.930	0.832
1.74	1.522	1.310	1.065	0.921	0.823
1.75	1.509	1.298	1.054	0.912	0.815
1.76	1.495	1.285	1.044	0.903	0.807
1.77	1.482	1.273	1.034	0.894	0.799
1.78	1.468	1.261	1.024	0.885	0.791
1.79	1.455	1.249	1.014	0.876	0.783
1.80	1.442	1.238	1.004	0.867	0.775
1.81	1.428	1.226	0.994	0.859	0.767
1.82	1.415	1.214	0.984	0.850	0.759
1.83	1.402	1.202	0.974	0.841	0.752
1.84	1.389	1.191	0.964	0.833	0.744
1.85	1.376	1.179	0.955	0.824	0.736
1.86	1.363	1.168	0.945	0.816	0.728
1.87	1.350	1.156	0.935	0.807	0.721
1.88	1.338	1.145	0.926	0.799	0.713
1.89	1.325	1.134	0.916	0.791	0.706
1.90	1.312	1.122	0.907	0.782	0.698
1.91	1.300	1.111	0.898	0.774	0.691
1.92	1.287	1.100	0.888	0.766	0.683
1.93	1.275	1.089	0.879	0.758	0.676
1.94	1.262	1.078	0.870	0.750	0.669
1.95	1.250	1.067	0.861	0.742	0.662
1.96	1.238	1.056	0.851	0.734	0.654
1.97	1.226	1.045	0.842	0.726	0.647
1.98	1.213	1.035	0.833	0.718	0.640
1.99	1.201	1.024	0.824	0.710	0.633
2.00	1.189	1.013	0.816	0.702	0.626
2.01	1.178	1.003	0.807	0.694	0.619
2.02	1.166	0.992	0.798	0.687	0.612
2.03	1.154	0.982	0.789	0.679	0.605
2.04	1.142	0.971	0.780	0.671	0.598
2.05	1.131	0.961	0.772	0.664	0.591
2.06	1.119	0.951	0.763	0.656	0.585
2.07	1.108	0.941	0.755	0.649	0.578
2.08	1.096	0.930	0.746	0.641	0.571
2.09	1.085	0.920	0.738	0.634	0.564
2.10	1.074	0.910	0.729	0.627	0.558
2.11	1.062	0.900	0.721	0.619	0.551
2.12	1.051	0.891	0.713	0.612	0.545
2.13	1.040	0.881	0.705	0.605	0.538
2.14	1.029	0.871	0.697	0.598	0.532
2.15	1.018	0.861	0.688	0.591	0.525
2.16	1.007	0.852	0.680	0.583	0.519
2.17	0.996	0.842	0.672	0.576	0.513
2.18	0.986	0.833	0.664	0.570	0.506
2.19	0.975	0.823	0.657	0.563	0.500
2.20	0.964	0.814	0.649	0.556	0.494
2.21	0.954	0.804	0.641	0.549	0.488
2.22	0.943	0.795	0.633	0.542	0.482
2.23	0.933	0.786	0.626	0.535	0.476
2.24	0.922	0.777	0.618	0.529	0.470
2.25	0.912	0.768	0.610	0.522	0.464

$W_1(x, r)$

$x \backslash t$	1	1.1	1.25	1.5	2.0
2.25	1985	1839	1664	1452	1185
2.26	1969	1823	1650	1438	1173
2.27	1953	1808	1635	1424	1161
2.28	1937	1793	1620	1411	1149
2.29	1921	1777	1606	1397	1137
2.30	1905	1762	1591	1384	1125
2.31	1890	1747	1577	1371	1113
2.32	1874	1732	1563	1358	1102
2.33	1858	1717	1549	1344	1090
2.34	1843	1702	1535	1331	1079
2.35	1827	1687	1521	1318	1067
2.36	1812	1672	1507	1305	1056
2.37	1797	1658	1493	1293	1044
2.38	1781	1643	1479	1280	1033
2.39	1766	1629	1465	1267	1022
2.40	1751	1614	1451	1255	1011
2.41	1736	1600	1438	1242	1000
2.42	1721	1585	1424	1229	998
2.43	1706	1571	1411	1217	997
2.44	1691	1557	1397	1205	996
2.45	1676	1543	1384	1192	.9956
2.46	1662	1529	1371	1180	.9945
2.47	1647	1515	1358	1168	.9935
2.48	1632	1501	1344	1156	.9924
2.49	1618	1487	1331	1144	.9913
2.50	1603	1473	1318	1132	.9903
2.51	1589	1459	1306	1120	.9893
2.52	1575	1446	1293	1109	.9882
2.53	1560	1432	1280	1097	.9878
2.54	1546	1419	1267	1085	.9862
2.55	1532	1405	1255	1074	.9852
2.56	1518	1392	1242	1062	.9842
2.57	1504	1379	1230	1051	.9832
2.58	1490	1365	1217	1040	.9822
2.59	1477	1352	1205	1028	.9812
2.60	1463	1339	1193	1017	.9802
2.61	1449	1326	1181	1006	.9793
2.62	1436	1313	1169	9995	.9783
2.63	1422	1301	1157	9984	.9773
2.64	1409	1288	1145	9973	.9764
2.65	1395	1275	1133	9962	.9754
2.66	1382	1263	1121	9951	.9745
2.67	1369	1250	1109	9941	.9736
2.68	1356	1237	1098	9930	.9727
2.69	1343	1225	1086	9919	.9717
2.70	1330	1213	1074	9909	.9708
2.71	1317	1200	1063	9899	.9699
2.72	1304	1188	1052	9888	.9690
2.73	1291	1176	1040	9878	.9681
2.74	1278	1164	1029	9868	.9673
2.75	1266	1152	1018	9858	.9664
2.76	1253	1140	1007	9847	.9655
2.77	1241	1128	9996	9837	.9646
2.78	1228	1117	9985	9827	.9638
2.79	1216	1105	9974	9818	.9629
2.80	1204	1093	9963	9808	.9621
2.81	1192	1082	9952	9798	.9612
2.82	1179	1070	9942	9788	.9604
2.83	1167	1059	9931	9779	.9596
2.84	1155	1047	9920	9769	.9588
2.85	1143	1036	9910	9760	.9579
2.86	1132	1025	9900	9750	.9571
2.87	1120	1014	9889	9741	.9563
2.88	1108	1003	9879	9732	.9555
2.89	1096	9992	9869	9783	.9547
2.90	1085	9981	9859	9713	.9540
2.91	1073	9970	9849	9704	.9532
2.92	1062	9959	9839	9695	.9524
2.93	1051	9949	9829	9686	.9516
2.94	1039	9938	9819	9677	.9509
2.95	1028	9927	9809	9669	.9501
2.96	1017	9917	9799	9660	.9494
2.97	1006	9906	9790	9651	.9486
2.98	9995	9896	9780	9643	.9479
2.99	9984	9886	9771	9634	.9472
3.00	9973	9876	9761	9626	.9464

$W_1(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
2.25	.0912	.0768	.0610	.0522	.0464
2.26	.0902	.0759	.0603	.0516	.0458
2.27	.0892	.0750	.0595	.0509	.0452
2.28	.0882	.0741	.0588	.0502	.0446
2.29	.0872	.0732	.0580	.0496	.0440
2.30	.0862	.0723	.0573	.0490	.0435
2.31	.0852	.0714	.0566	.0483	.0429
2.32	.0842	.0706	.0559	.0477	.0423
2.33	.0832	.0697	.0552	.0471	.0417
2.34	.0822	.0689	.0544	.0464	.0412
2.35	.0813	.0680	.0537	.0458	.0406
2.36	.0803	.0672	.0530	.0452	.0401
2.37	.0794	.0663	.0523	.0446	.0395
2.38	.0784	.0655	.0516	.0440	.0390
2.39	.0775	.0647	.0510	.0434	.0384
2.40	.0765	.0638	.0503	.0428	.0379
2.41	.0756	.0630	.0496	.0422	.0374
2.42	.0747	.0622	.0489	.0416	.0368
2.43	.0738	.0614	.0483	.0410	.0363
2.44	.0729	.0606	.0476	.0405	.0358
2.45	.0720	.0598	.0469	.0399	.0353
2.46	.0711	.0590	.0463	.0393	.0348
2.47	.0702	.0583	.0456	.0387	.0343
2.48	.0693	.0575	.0450	.0382	.0338
2.49	.0684	.0567	.0444	.0376	.0333
2.50	.0675	.0559	.0437	.0371	.0328
2.51	.0667	.0552	.0431	.0365	.0323
2.52	.0658	.0544	.0425	.0360	.0318
2.53	.0650	.0537	.0419	.0354	.0313
2.54	.0641	.0529	.0412	.0349	.0308
2.55	.0633	.0522	.0406	.0344	.0303
2.56	.0625	.0515	.0400	.0338	.0299
2.57	.0616	.0508	.0394	.0333	.0294
2.58	.0608	.0500	.0388	.0328	.0289
2.59	.0600	.0493	.0382	.0323	.0285
2.60	.0592	.0486	.0377	.0318	.0280
2.61	.0584	.0479	.0371	.0313	.0275
2.62	.0576	.0472	.0365	.0308	.0271
2.63	.0568	.0465	.0359	.0303	.0266
2.64	.0560	.0458	.0354	.0298	.0262
2.65	.0552	.0452	.0348	.0293	.0258
2.66	.0545	.0445	.0342	.0288	.0253
2.67	.0537	.0438	.0337	.0283	.0249
2.68	.0529	.0431	.0331	.0278	.0245
2.69	.0522	.0425	.0326	.0274	.0240
2.70	.0514	.0418	.0320	.0269	.0236
2.71	.0507	.0412	.0315	.0264	.0232
2.72	.0499	.0405	.0310	.0260	.0228
2.73	.0492	.0399	.0304	.0255	.0224
2.74	.0485	.0393	.0299	.0250	.0219
2.75	.0477	.0386	.0294	.0246	.0215
2.76	.0470	.0380	.0289	.0241	.0211
2.77	.0463	.0374	.0284	.0237	.0207
2.78	.0456	.0368	.0279	.0233	.0203
2.79	.0449	.0362	.0274	.0228	.0200
2.80	.0442	.0356	.0269	.0224	.0196
2.81	.0435	.0350	.0264	.0220	.0192
2.82	.0429	.0344	.0259	.0215	.0188
2.83	.0422	.0338	.0254	.0211	.0184
2.84	.0415	.0332	.0249	.0207	.0180
2.85	.0408	.0326	.0245	.0203	.0177
2.86	.0402	.0320	.0240	.0199	.0173
2.87	.0395	.0315	.0235	.0195	.0169
2.88	.0389	.0309	.0230	.0191	.0166
2.89	.0382	.0303	.0226	.0187	.0162
2.90	.0376	.0298	.0221	.0183	.0159
2.91	.0370	.0292	.0217	.0179	.0155
2.92	.0363	.0287	.0212	.0175	.0152
2.93	.0357	.0281	.0208	.0171	.0148
2.94	.0351	.0276	.0203	.0167	.0145
2.95	.0345	.0271	.0199	.0163	.0141
2.96	.0339	.0266	.0195	.0160	.0138
2.97	.0333	.0260	.0191	.0156	.0135
2.98	.0327	.0255	.0186	.0152	.0131
2.99	.0321	.0250	.0182	.0149	.0128
3.00	.0315	.0245	.0178	.0145	.0125

$W_1(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.00	.0973	.0876	.0761	.0626	.0464
3.01	.0962	.0865	.0758	.0617	.0457
3.02	.0952	.0855	.0748	.0609	.0450
3.03	.0941	.0845	.0733	.0600	.0443
3.04	.0930	.0835	.0724	.0598	.0436
3.05	.0920	.0826	.0715	.0584	.0429
3.06	.0909	.0816	.0706	.0576	.0422
3.07	.0899	.0806	.0697	.0568	.0415
3.08	.0889	.0796	.0688	.0560	.0408
3.09	.0879	.0787	.0679	.0552	.0402
3.10	.0868	.0777	.0670	.0544	.0395
3.11	.0858	.0768	.0661	.0536	.0388
3.12	.0848	.0758	.0653	.0528	.0382
3.13	.0838	.0749	.0644	.0521	.0375
3.14	.0828	.0740	.0636	.0513	.0369
3.15	.0819	.0730	.0627	.0506	.0363
3.16	.0809	.0721	.0619	.0498	.0356
3.17	.0799	.0712	.0610	.0491	.0350
3.18	.0789	.0703	.0602	.0483	.0344
3.19	.0780	.0694	.0594	.0476	.0337
3.20	.0770	.0685	.0586	.0469	.0331
3.21	.0761	.0676	.0578	.0461	.0325
3.22	.0752	.0668	.0569	.0454	.0319
3.23	.0743	.0659	.0562	.0447	.0313
3.24	.0733	.0650	.0554	.0440	.0307
3.25	.0724	.0642	.0546	.0433	.0301
3.26	.0715	.0633	.0538	.0426	.0290
3.27	.0706	.0625	.0530	.0419	.0284
3.28	.0697	.0616	.0523	.0412	.0279
3.29	.0688	.0608	.0515	.0406	
3.30	.0679	.0600	.0507	.0399	.0273
3.31	.0670	.0592	.0500	.0393	.0267
3.32	.0662	.0583	.0493	.0386	.0262
3.33	.0653	.0575	.0485	.0379	.0256
3.34	.0644	.0567	.0478	.0373	.0251
3.35	.0636	.0559	.0470	.0366	.0246
3.36	.0627	.0552	.0463	.0360	.0240
3.37	.0619	.0544	.0456	.0354	.0235
3.38	.0611	.0536	.0449	.0347	.0230
3.39	.0602	.0528	.0442	.0341	.0225
3.40	.0594	.0521	.0435	.0335	.0220
3.41	.0586	.0513	.0428	.0329	.0215
3.42	.0578	.0505	.0421	.0323	.0210
3.43	.0570	.0498	.0414	.0317	.0205
3.44	.0562	.0491	.0408	.0311	.0200
3.45	.0554	.0483	.0401	.0305	.0195
3.46	.0546	.0476	.0394	.0299	.0190
3.47	.0538	.0469	.0388	.0293	.0185
3.48	.0531	.0462	.0381	.0288	.0180
3.49	.0523	.0454	.0375	.0282	.0176
3.50	.0515	.0447	.0368	.0276	.0171
3.51	.0508	.0440	.0362	.0271	.0166
3.52	.0500	.0433	.0356	.0265	.0162
3.53	.0493	.0427	.0349	.0260	.0157
3.54	.0486	.0420	.0343	.0254	.0153
3.55	.0478	.0413	.0337	.0249	.0149
3.56	.0471	.0406	.0331	.0244	.0144
3.57	.0464	.0400	.0325	.0238	.0140
3.58	.0457	.0393	.0319	.0233	.0136
3.59	.0450	.0386	.0313	.0228	.0131
3.60	.0443	.0380	.0307	.0223	.0127
3.61	.0436	.0373	.0301	.0218	.0123
3.62	.0429	.0367	.0296	.0213	.0119
3.63	.0422	.0361	.0290	.0208	.0115
3.64	.0415	.0355	.0284	.0203	.0111
3.65	.0408	.0348	.0279	.0198	.0107
3.66	.0402	.0342	.0273	.0193	.0103
3.67	.0395	.0336	.0268	.0188	.0099
3.68	.0389	.0330	.0262	.0184	.0095
3.69	.0382	.0324	.0257	.0179	.0091
3.70	.0376	.0318	.0251	.0174	.0087
3.71	.0369	.0312	.0246	.0170	.0084
3.72	.0363	.0306	.0241	.0165	.0080
3.73	.0357	.0300	.0235	.0161	.0076
3.74	.0350	.0295	.0230	.0156	.0073
3.75	.0344	.0289	.0225	.0152	.0069

$W_1(x,r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.00	.0315	.0245	.0178	.0145	.0125
3.01	.0309	.0240	.0174	.0141	.0122
3.02	.0303	.0235	.0170	.0138	.0118
3.03	.0297	.0230	.0166	.0134	.0115
3.04	.0292	.0225	.0162	.0131	.0112
3.05	.0286	.0220	.0158	.0127	.0109
3.06	.0281	.0215	.0154	.0124	.0106
3.07	.0275	.0211	.0150	.0121	.0103
3.08	.0270	.0206	.0146	.0117	.0100
3.09	.0264	.0201	.0142	.0114	.0097
3.10	.0259	.0197	.0138	.0111	.0094
3.11	.0254	.0192	.0135	.0107	.0091
3.12	.0248	.0187	.0131	.0104	.0088
3.13	.0243	.0183	.0127	.0101	.0085
3.14	.0238	.0178	.0124	.0098	.0083
3.15	.0233	.0174	.0120	.0095	.0080
3.16	.0228	.0170	.0116	.0092	.0077
3.17	.0223	.0165	.0113	.0089	.0074
3.18	.0218	.0161	.0109	.0085	.0072
3.19	.0213	.0157	.0106	.0082	.0069
3.20	.0208	.0153	.0102	.0080	.0066
3.21	.0203	.0148	.0099	.0077	.0064
3.22	.0198	.0144	.0096	.0074	.0061
3.23	.0193	.0140	.0092	.0071	.0058
3.24	.0189	.0136	.0089	.0068	.0056
3.25	.0184	.0132	.0086	.0065	.0053
3.26	.0179	.0128	.0083	.0062	.0051
3.27	.0175	.0124	.0079	.0060	.0048
3.28	.0170	.0120	.0076	.0057	.0046
3.29	.0166	.0116	.0073	.0054	.0044
3.30	.0161	.0113	.0070	.0051	.0041
3.31	.0157	.0109	.0067	.0049	.0039
3.32	.0152	.0105	.0064	.0046	.0036
3.33	.0148	.0101	.0061	.0044	.0034
3.34	.0144	.0098	.0058	.0041	.0032
3.35	.0140	.0094	.0055	.0038	.0030
3.36	.0135	.0090	.0052	.0036	.0027
3.37	.0131	.0087	.0049	.0033	.0025
3.38	.0127	.0083	.0046	.0031	.0023
3.39	.0123	.0080	.0044	.0029	.0021
3.40	.0119	.0076	.0041	.0026	.0019
3.41	.0115	.0073	.0038	.0024	.0017
3.42	.0111	.0070	.0035	.0021	.0014
3.43	.0107	.0066	.0033	.0019	.0012
3.44	.0103	.0063	.0030	.0017	.0010
3.45	.0099	.0060	.0027	.0015	.0008
3.46	.0096	.0057	.0025	.0012	.0006
3.47	.0092	.0053	.0022	.0010	.0004
3.48	.0088	.0050	.0020	.0008	.0002
3.49	.0085	.0047	.0017	.0006	.0000
3.50	.0081	.0044	.0015	.0004	- .0001
3.51	.0077	.0041	.0012	.0002	- .0003
3.52	.0074	.0038	.0010	.0001	- .0005
3.53	.0070	.0035	.0007	.0003	- .0007
3.54	.0067	.0032	.0005	.0005	- .0009
3.55	.0063	.0029	.0003	- .0007	- .0011
3.56	.0060	.0026	.0000	- .0009	- .0012
3.57	.0057	.0023	- .0002	- .0011	- .0014
3.58	.0053	.0020	- .0004	- .0013	- .0016
3.59	.0050	.0018	- .0006	- .0015	- .0018
3.60	.0047	.0015	- .0009	- .0016	- .0019
3.61	.0043	.0012	- .0011	- .0018	- .0021
3.62	.0040	.0010	- .0013	- .0020	- .0023
3.63	.0037	.0007	- .0015	- .0022	- .0024
3.64	.0034	.0004	- .0017	- .0024	- .0026
3.65	.0031	.0002	- .0019	- .0026	- .0028
3.66	.0028	- .0001	- .0021	- .0027	- .0029
3.67	.0025	- .0003	- .0023	- .0029	- .0031
3.68	.0022	- .0005	- .0025	- .0031	- .0032
3.69	.0019	- .0008	- .0027	- .0032	- .0034
3.70	.0016	- .0011	- .0029	- .0034	- .0035
3.71	.0013	- .0013	- .0031	- .0036	- .0037
3.72	.0010	- .0016	- .0033	- .0037	- .0038
3.73	.0008	- .0018	- .0035	- .0039	- .0039
3.74	.0005	- .0020	- .0037	- .0041	- .0041
3.75	.0002	- .0023	- .0039	- .0042	- .0042

$W_l(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.75	.0344	.0289	.0225	.0152	.0069
3.76	.0338	.0283	.0220	.0147	.0065
3.77	.0332	.0278	.0215	.0143	.0062
3.78	.0326	.0272	.0210	.0139	.0059
3.79	.0320	.0267	.0205	.0134	.0055
3.80	.0314	.0261	.0200	.0130	.0053
3.81	.0308	.0256	.0195	.0126	.0048
3.82	.0302	.0250	.0191	.0122	.0045
3.83	.0297	.0245	.0186	.0118	.0042
3.84	.0291	.0240	.0181	.0114	.0038
3.85	.0285	.0235	.0177	.0110	.0035
3.86	.0280	.0230	.0172	.0106	.0032
3.87	.0274	.0224	.0167	.0102	.0029
3.88	.0269	.0219	.0163	.0098	.0026
3.89	.0263	.0214	.0158	.0094	.0023
3.90	.0258	.0209	.0154	.0090	.0020
3.91	.0252	.0205	.0150	.0086	.0017
3.92	.0247	.0200	.0145	.0083	.0014
3.93	.0242	.0195	.0141	.0079	.0011
3.94	.0237	.0190	.0137	.0075	.0008
3.95	.0231	.0185	.0132	.0072	.0005
3.96	.0226	.0181	.0128	.0068	-
3.97	.0221	.0176	.0124	.0065	-
3.98	.0216	.0171	.0120	.0061	.0003
3.99	.0211	.0167	.0116	.0058	-
4.00	.0206	.0162	.0112	.0054	-
4.01	.0201	.0158	.0108	.0051	-
4.02	.0197	.0154	.0104	.0048	-
4.03	.0192	.0149	.0100	.0044	-
4.04	.0187	.0145	.0096	.0041	-
4.05	.0182	.0141	.0093	.0038	-
4.06	.0178	.0136	.0089	.0035	-
4.07	.0173	.0132	.0085	.0032	-
4.08	.0169	.0128	.0081	.0029	-
4.09	.0164	.0124	.0078	.0025	-
4.10	.0160	.0120	.0074	.0022	-
4.11	.0155	.0116	.0071	.0019	-
4.12	.0151	.0112	.0067	.0016	-
4.13	.0146	.0108	.0064	.0014	-
4.14	.0142	.0104	.0060	.0011	-
4.15	.0138	.0100	.0057	.0008	-
4.16	.0134	.0096	.0053	.0005	-
4.17	.0129	.0092	.0050	.0002	-
4.18	.0125	.0089	.0047	.0001	-
4.19	.0121	.0085	.0044	.0003	-
4.20	.0117	.0081	.0040	-	.0056
4.21	.0113	.0078	.0037	-	.0058
4.22	.0109	.0074	.0034	-	.0060
4.23	.0105	.0071	.0031	-	.0062
4.24	.0102	.0067	.0028	-	.0064
4.25	.0098	.0064	.0025	-	.0066
4.26	.0094	.0060	.0022	-	.0067
4.27	.0090	.0057	.0019	-	.0069
4.28	.0086	.0054	.0016	-	.0071
4.29	.0083	.0050	.0013	-	.0073
4.30	.0079	.0047	.0010	-	.0075
4.31	.0076	.0044	.0007	-	.0077
4.32	.0072	.0040	.0005	-	.0078
4.33	.0068	.0037	.0002	-	.0080
4.34	.0065	.0034	.0001	-	.0082
4.35	.0062	.0031	-	.0004	-
4.36	.0058	.0028	-	.0006	-
4.37	.0055	.0025	-	.0009	-
4.38	.0051	.0022	-	.0012	-
4.39	.0048	.0019	-	.0014	-
4.40	.0045	.0016	-	.0017	-
4.41	.0042	.0013	-	.0019	-
4.42	.0039	.0010	-	.0022	-
4.43	.0035	.0008	-	.0024	-
4.44	.0032	.0005	-	.0026	-
4.45	.0029	.0002	-	.0029	-
4.46	.0026	-	.0001	-	.0063
4.47	.0023	-	.0003	-	.0065
4.48	.0020	-	.0006	-	.0067
4.49	.0017	-	.0009	-	.0069
4.50	.0014	-	.0011	-	.0071

$W_1(x, r)$

X \ I	3.0	4.0	6.0	8.0	10.0
3.75	- .0002	- .0023	- .0039	- .0042	- .0042
3.76	- .0001	- .0025	- .0040	- .0044	- .0044
3.77	- .0003	- .0027	- .0042	- .0045	- .0045
3.78	- .0006	- .0029	- .0044	- .0047	- .0046
3.79	- .0009	- .0032	- .0046	- .0048	- .0048
3.80	- .0011	- .0034	- .0047	- .0050	- .0049
3.81	- .0014	- .0036	- .0049	- .0051	- .0050
3.82	- .0016	- .0038	- .0051	- .0053	- .0051
3.83	- .0019	- .0040	- .0052	- .0054	- .0053
3.84	- .0021	- .0042	- .0054	- .0055	- .0054
3.85	- .0024	- .0044	- .0056	- .0057	- .0055
3.86	- .0026	- .0046	- .0057	- .0058	- .0056
3.87	- .0028	- .0048	- .0059	- .0059	- .0058
3.88	- .0031	- .0050	- .0060	- .0061	- .0059
3.89	- .0033	- .0052	- .0062	- .0062	- .0060
3.90	- .0035	- .0054	- .0063	- .0063	- .0061
3.91	- .0037	- .0056	- .0065	- .0064	- .0063
3.92	- .0040	- .0058	- .0066	- .0066	- .0063
3.93	- .0042	- .0059	- .0068	- .0067	- .0064
3.94	- .0044	- .0061	- .0069	- .0068	- .0065
3.95	- .0046	- .0063	- .0070	- .0069	- .0066
3.96	- .0048	- .0065	- .0072	- .0070	- .0067
3.97	- .0050	- .0066	- .0073	- .0072	- .0068
3.98	- .0052	- .0068	- .0074	- .0073	- .0069
3.99	- .0054	- .0070	- .0076	- .0074	- .0070
4.00	- .0056	- .0071	- .0077	- .0075	- .0071
4.01	- .0058	- .0073	- .0078	- .0076	- .0072
4.02	- .0060	- .0075	- .0080	- .0077	- .0073
4.03	- .0062	- .0076	- .0081	- .0078	- .0074
4.04	- .0064	- .0078	- .0082	- .0079	- .0075
4.05	- .0066	- .0079	- .0083	- .0080	- .0076
4.06	- .0068	- .0081	- .0084	- .0081	- .0077
4.07	- .0070	- .0082	- .0085	- .0082	- .0078
4.08	- .0071	- .0084	- .0087	- .0083	- .0078
4.09	- .0073	- .0085	- .0088	- .0084	- .0079
4.10	- .0075	- .0086	- .0089	- .0085	- .0080
4.11	- .0076	- .0088	- .0090	- .0086	- .0081
4.12	- .0078	- .0089	- .0091	- .0087	- .0082
4.13	- .0080	- .0091	- .0092	- .0087	- .0082
4.14	- .0081	- .0092	- .0093	- .0088	- .0083
4.15	- .0083	- .0093	- .0094	- .0089	- .0084
4.16	- .0085	- .0094	- .0095	- .0090	- .0085
4.17	- .0086	- .0095	- .0096	- .0091	- .0085
4.18	- .0088	- .0097	- .0097	- .0092	- .0085
4.19	- .0089	- .0098	- .0098	- .0092	- .0087
4.20	- .0091	- .0099	- .0099	- .0093	- .0087
4.21	- .0092	- .0101	- .0100	- .0094	- .0088
4.22	- .0094	- .0102	- .0100	- .0095	- .0089
4.23	- .0095	- .0103	- .0101	- .0095	- .0090
4.24	- .0096	- .0104	- .0102	- .0096	- .0090
4.25	- .0098	- .0105	- .0103	- .0097	- .0091
4.26	- .0099	- .0106	- .0104	- .0097	- .0091
4.27	- .0100	- .0107	- .0105	- .0098	- .0092
4.28	- .0102	- .0108	- .0105	- .0099	- .0092
4.29	- .0103	- .0109	- .0106	- .0099	- .0093
4.30	- .0104	- .0110	- .0107	- .0100	- .0093
4.31	- .0105	- .0111	- .0108	- .0101	- .0094
4.32	- .0107	- .0112	- .0108	- .0101	- .0094
4.33	- .0108	- .0113	- .0109	- .0102	- .0095
4.34	- .0109	- .0114	- .0110	- .0102	- .0095
4.35	- .0110	- .0115	- .0110	- .0103	- .0096
4.36	- .0111	- .0116	- .0111	- .0103	- .0096
4.37	- .0112	- .0117	- .0112	- .0104	- .0097
4.38	- .0114	- .0118	- .0112	- .0105	- .0097
4.39	- .0115	- .0118	- .0113	- .0105	- .0098
4.40	- .0116	- .0119	- .0114	- .0106	- .0098
4.41	- .0117	- .0120	- .0114	- .0106	- .0099
4.42	- .0118	- .0121	- .0115	- .0107	- .0099
4.43	- .0119	- .0122	- .0115	- .0107	- .0099
4.44	- .0120	- .0122	- .0116	- .0107	- .0100
4.45	- .0121	- .0123	- .0116	- .0108	- .0100
4.46	- .0122	- .0124	- .0117	- .0108	- .0101
4.47	- .0122	- .0125	- .0118	- .0109	- .0101
4.48	- .0123	- .0125	- .0118	- .0109	- .0101
4.49	- .0124	- .0126	- .0119	- .0110	- .0102
4.50	- .0125	- .0127	- .0119	- .0110	- .0102

$W_1(x, r)$

$x \quad r$	I	1.1	1.25	1.5	2.0
4.50	.0014	-.0011	-.0040	-.0073	-.0105
4.51	.0012	-.0014	-.0042	-.0074	-.0107
4.52	.0009	-.0016	-.0045	-.0076	-.0108
4.53	.0006	-.0019	-.0047	-.0078	-.0109
4.54	.0003	-.0021	-.0049	-.0079	-.0111
4.55	.0000	-.0024	-.0051	-.0081	-.0112
4.56	-.0002	-.0026	-.0053	-.0083	-.0113
4.57	-.0005	-.0028	-.0055	-.0084	-.0114
4.58	-.0008	-.0031	-.0057	-.0086	-.0115
4.59	-.0010	-.0033	-.0059	-.0088	-.0116
4.60	-.0013	-.0035	-.0061	-.0089	-.0117
4.61	-.0015	-.0038	-.0063	-.0091	-.0118
4.62	-.0018	-.0040	-.0065	-.0092	-.0120
4.63	-.0020	-.0042	-.0067	-.0094	-.0121
4.64	-.0023	-.0044	-.0068	-.0095	-.0122
4.65	-.0025	-.0046	-.0070	-.0097	-.0123
4.66	-.0027	-.0048	-.0072	-.0098	-.0124
4.67	-.0030	-.0050	-.0074	-.0099	-.0124
4.68	-.0032	-.0053	-.0076	-.0101	-.0125
4.69	-.0034	-.0055	-.0077	-.0102	-.0126
4.70	-.0037	-.0057	-.0079	-.0103	-.0127
4.71	-.0039	-.0058	-.0081	-.0105	-.0128
4.72	-.0041	-.0060	-.0082	-.0106	-.0129
4.73	-.0043	-.0062	-.0084	-.0107	-.0130
4.74	-.0045	-.0064	-.0085	-.0108	-.0131
4.75	-.0047	-.0066	-.0087	-.0110	-.0132
4.76	-.0050	-.0068	-.0088	-.0111	-.0133
4.77	-.0052	-.0070	-.0090	-.0112	-.0133
4.78	-.0054	-.0071	-.0091	-.0113	-.0134
4.79	-.0056	-.0073	-.0093	-.0114	-.0135
4.80	-.0058	-.0075	-.0094	-.0115	-.0135
4.81	-.0060	-.0077	-.0096	-.0116	-.0136
4.82	-.0061	-.0078	-.0097	-.0117	-.0137
4.83	-.0063	-.0080	-.0098	-.0118	-.0137
4.84	-.0065	-.0082	-.0100	-.0120	-.0138
4.85	-.0067	-.0083	-.0101	-.0121	-.0139
4.86	-.0069	-.0085	-.0102	-.0121	-.0139
4.87	-.0071	-.0086	-.0104	-.0122	-.0140
4.88	-.0072	-.0088	-.0105	-.0123	-.0140
4.89	-.0074	-.0089	-.0106	-.0124	-.0141
4.90	-.0076	-.0091	-.0107	-.0125	-.0142
4.91	-.0077	-.0092	-.0109	-.0126	-.0142
4.92	-.0079	-.0094	-.0110	-.0127	-.0143
4.93	-.0081	-.0095	-.0111	-.0128	-.0143
4.94	-.0082	-.0096	-.0112	-.0129	-.0144
4.95	-.0084	-.0098	-.0113	-.0129	-.0144
4.96	-.0085	-.0099	-.0114	-.0130	-.0145
4.97	-.0087	-.0100	-.0115	-.0131	-.0145
4.98	-.0089	-.0102	-.0116	-.0132	-.0146
4.99	-.0090	-.0103	-.0117	-.0133	-.0146
5.00	-.0091	-.0104	-.0118	-.0133	-.0146
5.01	-.0093	-.0105	-.0119	-.0134	-.0147
5.02	-.0094	-.0107	-.0120	-.0135	-.0147
5.03	-.0096	-.0108	-.0121	-.0135	-.0148
5.04	-.0097	-.0109	-.0122	-.0136	-.0148
5.05	-.0098	-.0110	-.0123	-.0137	-.0148
5.06	-.0100	-.0111	-.0124	-.0137	-.0149
5.07	-.0101	-.0112	-.0125	-.0138	-.0149
5.08	-.0102	-.0113	-.0126	-.0139	-.0149
5.09	-.0104	-.0115	-.0127	-.0139	-.0149
5.10	-.0105	-.0116	-.0127	-.0140	-.0150
5.11	-.0106	-.0117	-.0128	-.0140	-.0150
5.12	-.0107	-.0118	-.0129	-.0141	-.0150
5.13	-.0108	-.0119	-.0130	-.0141	-.0151
5.14	-.0110	-.0120	-.0131	-.0142	-.0151
5.15	-.0111	-.0121	-.0131	-.0142	-.0151
5.16	-.0112	-.0121	-.0132	-.0143	-.0151
5.17	-.0113	-.0122	-.0133	-.0143	-.0151
5.18	-.0114	-.0123	-.0133	-.0144	-.0152
5.19	-.0115	-.0124	-.0134	-.0144	-.0152
5.20	-.0116	-.0125	-.0135	-.0144	-.0152
5.21	-.0117	-.0126	-.0135	-.0145	-.0152
5.22	-.0118	-.0127	-.0136	-.0145	-.0152
5.23	-.0119	-.0127	-.0137	-.0146	-.0152
5.24	-.0120	-.0128	-.0137	-.0146	-.0152
5.25	-.0121	-.0129	-.0138	-.0146	-.0153

$W_1(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	- .0125	- .0127	- .0119	- .0110	- .0102
4.51	- .0126	- .0127	- .0119	- .0110	- .0102
4.52	- .0127	- .0128	- .0120	- .0111	- .0103
4.53	- .0128	- .0129	- .0120	- .0111	- .0103
4.54	- .0128	- .0129	- .0121	- .0111	- .0103
4.55	- .0129	- .0130	- .0121	- .0112	- .0103
4.56	- .0130	- .0130	- .0122	- .0112	- .0104
4.57	- .0131	- .0131	- .0122	- .0112	- .0104
4.58	- .0131	- .0132	- .0122	- .0113	- .0104
4.59	- .0132	- .0132	- .0123	- .0113	- .0105
4.60	- .0133	- .0132	- .0123	- .0113	- .0105
4.61	- .0133	- .0133	- .0123	- .0113	- .0105
4.62	- .0134	- .0133	- .0124	- .0114	- .0105
4.63	- .0135	- .0134	- .0124	- .0114	- .0105
4.64	- .0135	- .0134	- .0124	- .0114	- .0105
4.65	- .0136	- .0135	- .0125	- .0114	- .0106
4.66	- .0137	- .0135	- .0125	- .0115	- .0106
4.67	- .0137	- .0136	- .0125	- .0115	- .0106
4.68	- .0138	- .0136	- .0126	- .0115	- .0106
4.69	- .0138	- .0136	- .0126	- .0115	- .0107
4.70	- .0139	- .0137	- .0126	- .0115	- .0107
4.71	- .0139	- .0137	- .0126	- .0116	- .0107
4.72	- .0140	- .0138	- .0126	- .0116	- .0107
4.73	- .0140	- .0138	- .0127	- .0116	- .0107
4.74	- .0141	- .0138	- .0127	- .0116	- .0107
4.75	- .0141	- .0139	- .0127	- .0116	- .0107
4.76	- .0142	- .0139	- .0127	- .0116	- .0107
4.77	- .0142	- .0139	- .0127	- .0117	- .0108
4.78	- .0143	- .0139	- .0128	- .0117	- .0108
4.79	- .0143	- .0140	- .0128	- .0117	- .0108
4.80	- .0143	- .0140	- .0128	- .0117	- .0108
4.81	- .0144	- .0140	- .0128	- .0117	- .0108
4.82	- .0144	- .0140	- .0128	- .0117	- .0108
4.83	- .0145	- .0141	- .0128	- .0117	- .0108
4.84	- .0145	- .0141	- .0128	- .0117	- .0108
4.85	- .0145	- .0141	- .0129	- .0117	- .0108
4.86	- .0146	- .0141	- .0129	- .0117	- .0108
4.87	- .0146	- .0142	- .0129	- .0117	- .0108
4.88	- .0146	- .0142	- .0129	- .0117	- .0108
4.89	- .0146	- .0142	- .0129	- .0117	- .0108
4.90	- .0147	- .0142	- .0129	- .0117	- .0108
4.91	- .0147	- .0142	- .0129	- .0117	- .0108
4.92	- .0147	- .0142	- .0129	- .0117	- .0108
4.93	- .0147	- .0142	- .0129	- .0117	- .0108
4.94	- .0148	- .0143	- .0129	- .0117	- .0108
4.95	- .0148	- .0143	- .0129	- .0117	- .0108
4.96	- .0148	- .0143	- .0129	- .0117	- .0108
4.97	- .0148	- .0143	- .0129	- .0117	- .0108
4.98	- .0148	- .0143	- .0129	- .0117	- .0108
4.99	- .0149	- .0143	- .0129	- .0117	- .0108
5.00	- .0149	- .0143	- .0129	- .0117	- .0108
5.01	- .0149	- .0143	- .0129	- .0117	- .0108
5.02	- .0149	- .0143	- .0129	- .0117	- .0108
5.03	- .0149	- .0143	- .0129	- .0117	- .0108
5.04	- .0149	- .0143	- .0129	- .0117	- .0108
5.05	- .0149	- .0143	- .0129	- .0117	- .0108
5.06	- .0149	- .0143	- .0129	- .0117	- .0108
5.07	- .0150	- .0143	- .0129	- .0117	- .0107
5.08	- .0150	- .0143	- .0129	- .0117	- .0107
5.09	- .0150	- .0143	- .0129	- .0117	- .0107
5.10	- .0150	- .0143	- .0129	- .0117	- .0107
5.11	- .0150	- .0143	- .0128	- .0117	- .0107
5.12	- .0150	- .0143	- .0128	- .0116	- .0107
5.13	- .0150	- .0143	- .0128	- .0116	- .0107
5.14	- .0150	- .0143	- .0128	- .0116	- .0107
5.15	- .0150	- .0143	- .0128	- .0116	- .0107
5.16	- .0150	- .0143	- .0128	- .0116	- .0106
5.17	- .0150	- .0143	- .0128	- .0116	- .0106
5.18	- .0150	- .0143	- .0128	- .0116	- .0106
5.19	- .0150	- .0142	- .0128	- .0115	- .0106
5.20	- .0150	- .0142	- .0127	- .0115	- .0106
5.21	- .0150	- .0142	- .0127	- .0115	- .0106
5.22	- .0150	- .0142	- .0127	- .0115	- .0106
5.23	- .0150	- .0142	- .0127	- .0115	- .0105
5.24	- .0150	- .0142	- .0127	- .0115	- .0105
5.25	- .0149	- .0142	- .0127	- .0115	- .0105

$W_1(x, r)$

X	1	1.1	1.25	1.5	2.0
5.25	- .0121	- .0129	- .0138	- .0146	- .0153
5.26	- .0122	- .0130	- .0138	- .0147	- .0153
5.27	- .0123	- .0130	- .0139	- .0147	- .0153
5.28	- .0124	- .0132	- .0139	- .0147	- .0153
5.29	- .0124	- .0132	- .0140	- .0148	- .0153
5.30	- .0125	- .0133	- .0140	- .0148	- .0153
5.31	- .0126	- .0133	- .0141	- .0148	- .0153
5.32	- .0127	- .0134	- .0141	- .0148	- .0153
5.33	- .0128	- .0134	- .0142	- .0149	- .0153
5.34	- .0128	- .0135	- .0142	- .0149	- .0153
5.35	- .0129	- .0136	- .0143	- .0149	- .0153
5.36	- .0130	- .0136	- .0143	- .0149	- .0153
5.37	- .0131	- .0137	- .0143	- .0150	- .0153
5.38	- .0131	- .0137	- .0144	- .0150	- .0153
5.39	- .0132	- .0138	- .0144	- .0150	- .0153
5.40	- .0133	- .0138	- .0144	- .0150	- .0153
5.41	- .0133	- .0139	- .0145	- .0150	- .0153
5.42	- .0134	- .0139	- .0145	- .0150	- .0153
5.43	- .0135	- .0140	- .0145	- .0151	- .0153
5.44	- .0135	- .0140	- .0146	- .0151	- .0153
5.45	- .0136	- .0141	- .0146	- .0151	- .0153
5.46	- .0136	- .0141	- .0146	- .0151	- .0153
5.47	- .0137	- .0142	- .0147	- .0151	- .0153
5.48	- .0137	- .0142	- .0147	- .0151	- .0153
5.49	- .0138	- .0143	- .0147	- .0151	- .0153
5.50	- .0139	- .0143	- .0147	- .0151	- .0153
5.51	- .0139	- .0143	- .0148	- .0151	- .0153
5.52	- .0140	- .0144	- .0148	- .0151	- .0153
5.53	- .0140	- .0144	- .0148	- .0151	- .0153
5.54	- .0140	- .0144	- .0148	- .0151	- .0153
5.55	- .0141	- .0145	- .0148	- .0151	- .0153
5.56	- .0141	- .0145	- .0149	- .0151	- .0153
5.57	- .0142	- .0145	- .0149	- .0151	- .0153
5.58	- .0142	- .0145	- .0149	- .0151	- .0153
5.59	- .0143	- .0146	- .0149	- .0151	- .0153
5.60	- .0143	- .0146	- .0149	- .0151	- .0153
5.61	- .0143	- .0146	- .0149	- .0151	- .0153
5.62	- .0144	- .0146	- .0149	- .0151	- .0153
5.63	- .0144	- .0147	- .0149	- .0151	- .0153
5.64	- .0144	- .0147	- .0149	- .0151	- .0153
5.65	- .0145	- .0147	- .0150	- .0151	- .0153
5.66	- .0145	- .0147	- .0150	- .0151	- .0149
5.67	- .0145	- .0147	- .0150	- .0151	- .0149
5.68	- .0145	- .0148	- .0150	- .0151	- .0149
5.69	- .0146	- .0148	- .0150	- .0151	- .0149
5.70	- .0146	- .0148	- .0150	- .0151	- .0148
5.71	- .0146	- .0148	- .0150	- .0150	- .0148
5.72	- .0146	- .0148	- .0150	- .0150	- .0148
5.73	- .0147	- .0148	- .0150	- .0150	- .0148
5.74	- .0147	- .0148	- .0150	- .0150	- .0147
5.75	- .0147	- .0148	- .0150	- .0150	- .0147
5.76	- .0147	- .0149	- .0150	- .0150	- .0147
5.77	- .0147	- .0149	- .0150	- .0150	- .0146
5.78	- .0147	- .0149	- .0150	- .0149	- .0146
5.79	- .0148	- .0149	- .0150	- .0149	- .0146
5.80	- .0148	- .0149	- .0149	- .0149	- .0146
5.81	- .0148	- .0149	- .0149	- .0149	- .0145
5.82	- .0148	- .0149	- .0149	- .0149	- .0145
5.83	- .0148	- .0149	- .0149	- .0148	- .0145
5.84	- .0148	- .0149	- .0149	- .0148	- .0144
5.85	- .0148	- .0149	- .0149	- .0148	- .0144
5.86	- .0148	- .0149	- .0149	- .0148	- .0144
5.87	- .0148	- .0149	- .0149	- .0148	- .0143
5.88	- .0148	- .0149	- .0149	- .0147	- .0143
5.89	- .0149	- .0149	- .0148	- .0147	- .0143
5.90	- .0149	- .0149	- .0148	- .0147	- .0142
5.91	- .0149	- .0149	- .0148	- .0147	- .0142
5.92	- .0149	- .0149	- .0148	- .0146	- .0141
5.93	- .0149	- .0148	- .0148	- .0146	- .0141
5.94	- .0149	- .0148	- .0148	- .0146	- .0141
5.95	- .0149	- .0148	- .0148	- .0146	- .0140
5.96	- .0149	- .0148	- .0147	- .0146	- .0140
5.97	- .0149	- .0148	- .0147	- .0145	- .0140
5.98	- .0149	- .0148	- .0147	- .0145	- .0139
5.99	- .0149	- .0148	- .0147	- .0144	- .0139
6.00	- .0148	- .0148	- .0147	- .0144	- .0138

$W_1(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
5.25	- .0149	- .0142	- .0127	- .0115	- .0105
5.26	- .0149	- .0142	- .0126	- .0114	- .0105
5.27	- .0149	- .0141	- .0126	- .0114	- .0105
5.28	- .0149	- .0141	- .0126	- .0114	- .0105
5.29	- .0149	- .0141	- .0126	- .0114	- .0104
5.30	- .0149	- .0141	- .0126	- .0114	- .0104
5.31	- .0149	- .0141	- .0125	- .0113	- .0104
5.32	- .0149	- .0141	- .0125	- .0113	- .0104
5.33	- .0149	- .0140	- .0125	- .0113	- .0104
5.34	- .0148	- .0140	- .0125	- .0113	- .0103
5.35	- .0148	- .0140	- .0125	- .0113	- .0103
5.36	- .0148	- .0140	- .0124	- .0112	- .0103
5.37	- .0148	- .0140	- .0124	- .0112	- .0103
5.38	- .0148	- .0139	- .0124	- .0112	- .0103
5.39	- .0148	- .0139	- .0124	- .0112	- .0103
5.40	- .0147	- .0139	- .0123	- .0111	- .0102
5.41	- .0147	- .0139	- .0123	- .0111	- .0102
5.42	- .0147	- .0138	- .0123	- .0111	- .0102
5.43	- .0147	- .0138	- .0123	- .0111	- .0101
5.44	- .0147	- .0138	- .0122	- .0110	- .0101
5.45	- .0146	- .0138	- .0122	- .0110	- .0101
5.46	- .0146	- .0137	- .0122	- .0110	- .0100
5.47	- .0146	- .0137	- .0122	- .0109	- .0100
5.48	- .0146	- .0137	- .0121	- .0109	- .0100
5.49	- .0145	- .0137	- .0121	- .0109	- .0100
5.50	- .0145	- .0136	- .0121	- .0109	- .0100
5.51	- .0145	- .0136	- .0120	- .0109	- .0100
5.52	- .0145	- .0136	- .0120	- .0108	- .0099
5.53	- .0144	- .0135	- .0120	- .0108	- .0099
5.54	- .0144	- .0135	- .0120	- .0108	- .0099
5.55	- .0144	- .0135	- .0119	- .0108	- .0098
5.56	- .0144	- .0135	- .0119	- .0107	- .0098
5.57	- .0143	- .0134	- .0119	- .0107	- .0098
5.58	- .0143	- .0134	- .0118	- .0107	- .0098
5.59	- .0143	- .0134	- .0118	- .0106	- .0097
5.60	- .0142	- .0133	- .0118	- .0106	- .0097
5.61	- .0142	- .0133	- .0117	- .0106	- .0097
5.62	- .0142	- .0133	- .0117	- .0105	- .0097
5.63	- .0142	- .0132	- .0117	- .0105	- .0096
5.64	- .0141	- .0132	- .0116	- .0105	- .0096
5.65	- .0141	- .0132	- .0116	- .0105	- .0096
5.66	- .0141	- .0131	- .0116	- .0104	- .0095
5.67	- .0140	- .0131	- .0115	- .0104	- .0095
5.68	- .0140	- .0131	- .0115	- .0103	- .0095
5.69	- .0140	- .0130	- .0115	- .0103	- .0095
5.70	- .0139	- .0130	- .0114	- .0103	- .0094
5.71	- .0139	- .0129	- .0114	- .0103	- .0094
5.72	- .0139	- .0129	- .0114	- .0102	- .0094
5.73	- .0138	- .0129	- .0113	- .0102	- .0093
5.74	- .0138	- .0128	- .0113	- .0102	- .0093
5.75	- .0137	- .0128	- .0113	- .0101	- .0093
5.76	- .0137	- .0128	- .0112	- .0101	- .0092
5.77	- .0137	- .0127	- .0112	- .0101	- .0092
5.78	- .0136	- .0127	- .0112	- .0100	- .0092
5.79	- .0136	- .0127	- .0111	- .0100	- .0092
5.80	- .0136	- .0126	- .0111	- .0099	- .0091
5.81	- .0135	- .0126	- .0111	- .0099	- .0091
5.82	- .0135	- .0125	- .0110	- .0099	- .0091
5.83	- .0134	- .0125	- .0110	- .0098	- .0090
5.84	- .0134	- .0125	- .0109	- .0098	- .0090
5.85	- .0134	- .0124	- .0109	- .0098	- .0090
5.86	- .0133	- .0124	- .0109	- .0098	- .0089
5.87	- .0133	- .0123	- .0108	- .0097	- .0089
5.88	- .0133	- .0123	- .0108	- .0097	- .0088
5.89	- .0133	- .0123	- .0108	- .0097	- .0088
5.90	- .0132	- .0122	- .0107	- .0096	- .0088
5.91	- .0131	- .0122	- .0107	- .0096	- .0088
5.92	- .0131	- .0121	- .0106	- .0096	- .0087
5.93	- .0130	- .0121	- .0106	- .0095	- .0087
5.94	- .0130	- .0120	- .0106	- .0095	- .0086
5.95	- .0130	- .0120	- .0105	- .0095	- .0086
5.96	- .0129	- .0120	- .0105	- .0094	- .0086
5.97	- .0129	- .0119	- .0104	- .0094	- .0086
5.98	- .0128	- .0119	- .0104	- .0093	- .0085
5.99	- .0128	- .0118	- .0104	- .0093	- .0085
6.00	- .0127	- .0118	- .0103	- .0093	- .0085

$W_1(x, r)$

x	1	1.1	1.25	1.5	2.0
6.00	- .0148	- .0148	- .0147	- .0144	- .0138
6.01	- .0148	- .0148	- .0146	- .0144	- .0138
6.02	- .0148	- .0147	- .0146	- .0143	- .0138
6.03	- .0148	- .0147	- .0146	- .0143	- .0137
6.04	- .0148	- .0147	- .0146	- .0143	- .0137
6.05	- .0148	- .0147	- .0145	- .0143	- .0136
6.06	- .0148	- .0147	- .0145	- .0142	- .0136
6.07	- .0148	- .0147	- .0145	- .0142	- .0136
6.08	- .0148	- .0146	- .0145	- .0141	- .0135
6.09	- .0148	- .0146	- .0144	- .0141	- .0135
6.10	- .0147	- .0146	- .0144	- .0141	- .0134
6.11	- .0147	- .0146	- .0144	- .0140	- .0134
6.12	- .0147	- .0146	- .0144	- .0140	- .0134
6.13	- .0147	- .0145	- .0143	- .0140	- .0133
6.14	- .0147	- .0145	- .0143	- .0139	- .0133
6.15	- .0147	- .0145	- .0143	- .0139	- .0132
6.16	- .0147	- .0145	- .0142	- .0139	- .0132
6.17	- .0146	- .0145	- .0142	- .0138	- .0131
6.18	- .0146	- .0144	- .0142	- .0138	- .0131
6.19	- .0146	- .0144	- .0141	- .0137	- .0130
6.20	- .0146	- .0144	- .0141	- .0137	- .0130
6.21	- .0146	- .0144	- .0141	- .0137	- .0130
6.22	- .0145	- .0143	- .0140	- .0136	- .0129
6.23	- .0145	- .0143	- .0140	- .0136	- .0129
6.24	- .0145	- .0143	- .0140	- .0136	- .0128
6.25	- .0145	- .0142	- .0139	- .0135	- .0128
6.26	- .0144	- .0142	- .0139	- .0135	- .0127
6.27	- .0144	- .0142	- .0139	- .0134	- .0127
6.28	- .0144	- .0142	- .0138	- .0134	- .0126
6.29	- .0144	- .0141	- .0138	- .0133	- .0126
6.30	- .0143	- .0141	- .0138	- .0133	- .0125
6.31	- .0143	- .0141	- .0137	- .0133	- .0125
6.32	- .0143	- .0140	- .0137	- .0132	- .0124
6.33	- .0143	- .0140	- .0137	- .0132	- .0124
6.34	- .0143	- .0140	- .0136	- .0131	- .0124
6.35	- .0142	- .0139	- .0136	- .0131	- .0123
6.36	- .0142	- .0139	- .0135	- .0130	- .0125
6.37	- .0141	- .0139	- .0135	- .0130	- .0122
6.38	- .0141	- .0138	- .0135	- .0130	- .0122
6.39	- .0141	- .0138	- .0134	- .0129	- .0121
6.40	- .0141	- .0138	- .0134	- .0129	- .0121
6.41	- .0140	- .0137	- .0133	- .0128	- .0120
6.42	- .0140	- .0137	- .0133	- .0128	- .0120
6.43	- .0140	- .0137	- .0132	- .0127	- .0119
6.44	- .0139	- .0136	- .0132	- .0127	- .0119
6.45	- .0139	- .0136	- .0132	- .0126	- .0118
6.46	- .0139	- .0135	- .0131	- .0126	- .0118
6.47	- .0138	- .0135	- .0131	- .0126	- .0117
6.48	- .0138	- .0135	- .0131	- .0125	- .0117
6.49	- .0138	- .0134	- .0130	- .0126	- .0116
6.50	- .0137	- .0134	- .0130	- .0124	- .0116
6.51	- .0137	- .0133	- .0129	- .0124	- .0115
6.52	- .0136	- .0133	- .0129	- .0123	- .0115
6.53	- .0136	- .0133	- .0128	- .0123	- .0114
6.54	- .0136	- .0132	- .0128	- .0122	- .0114
6.55	- .0136	- .0132	- .0128	- .0122	- .0113
6.56	- .0135	- .0131	- .0127	- .0121	- .0113
6.57	- .0135	- .0131	- .0127	- .0121	- .0112
6.58	- .0134	- .0131	- .0126	- .0120	- .0112
6.59	- .0134	- .0130	- .0126	- .0120	- .0111
6.60	- .0133	- .0130	- .0125	- .0119	- .0111
6.61	- .0133	- .0129	- .0125	- .0119	- .0110
6.62	- .0133	- .0129	- .0124	- .0119	- .0110
6.63	- .0132	- .0129	- .0124	- .0118	- .0109
6.64	- .0132	- .0128	- .0124	- .0118	- .0109
6.65	- .0131	- .0128	- .0123	- .0117	- .0108
6.66	- .0131	- .0127	- .0123	- .0117	- .0108
6.67	- .0131	- .0127	- .0122	- .0116	- .0107
6.68	- .0130	- .0126	- .0122	- .0116	- .0107
6.69	- .0130	- .0126	- .0121	- .0115	- .0106
6.70	- .0129	- .0126	- .0121	- .0115	- .0106
6.71	- .0129	- .0125	- .0120	- .0114	- .0105
6.72	- .0129	- .0125	- .0120	- .0114	- .0105
6.73	- .0128	- .0124	- .0119	- .0113	- .0104
6.74	- .0128	- .0124	- .0119	- .0113	- .0104
6.75	- .0127	- .0123	- .0118	- .0118	- .0103

$W_1(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
6.00	- .0127	- .0118	- .0103	- .0093	- .0085
6.01	- .0127	- .0117	- .0103	- .0092	- .0084
6.02	- .0127	- .0117	- .0102	- .0092	- .0084
6.03	- .0126	- .0117	- .0102	- .0092	- .0084
6.04	- .0126	- .0116	- .0102	- .0091	- .0083
6.05	- .0125	- .0116	- .0101	- .0091	- .0083
6.06	- .0125	- .0115	- .0101	- .0090	- .0083
6.07	- .0124	- .0115	- .0101	- .0090	- .0082
6.08	- .0124	- .0114	- .0100	- .0089	- .0082
6.09	- .0123	- .0114	- .0100	-	- .0081
6.10	- .0123	- .0114	- .0099	- .0089	- .0081
6.11	- .0123	- .0113	- .0099	- .0089	- .0081
6.12	- .0122	- .0113	- .0098	- .0088	- .0080
6.13	- .0122	- .0112	- .0098	- .0088	- .0080
6.14	- .0121	- .0112	- .0098	- .0088	-
6.15	- .0121	- .0111	- .0097	- .0087	- .0080
6.16	- .0120	- .0111	- .0097	- .0087	- .0079
6.17	- .0120	- .0110	- .0096	- .0087	- .0079
6.18	- .0119	- .0110	- .0096	- .0086	- .0079
6.19	- .0119	- .0110	- .0096	- .0086	- .0078
6.20	- .0118	- .0109	- .0095	- .0085	- .0078
6.21	- .0118	- .0109	- .0095	- .0085	- .0078
6.22	- .0117	- .0108	- .0094	- .0085	- .0077
6.23	- .0117	- .0108	- .0094	- .0084	- .0077
6.24	- .0116	- .0107	- .0094	- .0084	- .0077
6.25	- .0116	- .0107	- .0093	- .0084	- .0076
6.26	- .0116	- .0106	- .0093	- .0083	- .0076
6.27	- .0115	- .0106	- .0093	- .0083	- .0076
6.28	- .0115	- .0105	- .0093	- .0082	- .0075
6.29	- .0114	- .0105	- .0093	- .0082	- .0075
6.30	- .0114	- .0105	- .0091	- .0082	- .0075
6.31	- .0113	- .0104	- .0091	- .0081	- .0074
6.32	- .0113	- .0104	- .0090	- .0081	- .0074
6.33	- .0112	- .0103	- .0090	- .0081	- .0074
6.34	- .0112	- .0103	- .0089	- .0080	- .0073
6.35	- .0111	- .0102	- .0089	- .0080	- .0073
6.36	- .0111	- .0102	- .0089	- .0079	- .0073
6.37	- .0110	- .0101	- .0088	- .0079	- .0072
6.38	- .0110	- .0101	- .0088	- .0079	- .0072
6.39	- .0109	- .0100	- .0087	- .0078	- .0072
6.40	- .0109	- .0100	- .0087	- .0078	- .0071
6.41	- .0108	- .0099	- .0087	- .0078	- .0071
6.42	- .0108	- .0099	- .0086	- .0077	- .0071
6.43	- .0107	- .0099	- .0086	- .0077	- .0070
6.44	- .0107	- .0098	- .0085	- .0076	- .0069
6.45	- .0106	- .0098	- .0085	- .0076	- .0069
6.46	- .0106	- .0097	- .0085	- .0076	- .0069
6.47	- .0105	- .0097	- .0084	- .0075	- .0069
6.48	- .0105	- .0096	- .0084	- .0075	- .0068
6.49	- .0104	- .0096	- .0083	- .0075	- .0068
6.50	- .0104	- .0095	- .0083	- .0074	- .0068
6.51	- .0103	- .0095	- .0082	- .0074	- .0067
6.52	- .0103	- .0094	- .0082	- .0074	- .0067
6.53	- .0103	- .0094	- .0082	- .0073	- .0066
6.54	- .0102	- .0093	- .0081	- .0073	- .0066
6.55	- .0102	- .0093	- .0081	- .0072	- .0066
6.56	- .0101	- .0093	- .0080	- .0072	- .0066
6.57	- .0101	- .0092	- .0080	- .0072	- .0065
6.58	- .0100	- .0092	- .0080	- .0071	- .0065
6.59	- .0100	- .0091	- .0079	- .0071	- .0065
6.60	- .0099	- .0091	- .0079	- .0071	- .0064
6.61	- .0099	- .0090	- .0078	- .0070	- .0064
6.62	- .0098	- .0090	- .0078	- .0070	- .0064
6.63	- .0098	- .0089	- .0078	- .0069	- .0063
6.64	- .0097	- .0089	- .0077	- .0069	- .0063
6.65	- .0097	- .0088	- .0077	- .0069	- .0063
6.66	- .0096	- .0088	- .0076	- .0068	- .0062
6.67	- .0096	- .0088	- .0076	- .0068	- .0062
6.68	- .0095	- .0087	- .0076	- .0068	- .0062
6.69	- .0095	- .0087	- .0075	- .0067	- .0061
6.70	- .0094	- .0086	- .0075	- .0067	- .0061
6.71	- .0094	- .0086	- .0074	- .0067	- .0061
6.72	- .0093	- .0085	- .0074	- .0066	- .0060
6.73	- .0093	- .0085	- .0074	- .0066	- .0060
6.74	- .0092	- .0084	- .0073	- .0066	- .0060
6.75	- .0092	- .0084	- .0073	- .0065	- .0060

X	I	1.1	1.25	1.5	2.0
6.75	- .0127	- .0123	- .0118	- .0112	- .0103
6.76	- .0127	- .0123	- .0118	- .0112	- .0103
6.77	- .0126	- .0122	- .0117	- .0111	- .0102
6.78	- .0126	- .0122	- .0117	- .0111	- .0102
6.79	- .0125	- .0121	- .0117	- .0110	- .0101
6.80	- .0125	- .0121	- .0116	- .0110	- .0101
6.81	- .0125	- .0121	- .0116	- .0109	- .0100
6.82	- .0124	- .0120	- .0115	- .0109	- .0099
6.83	- .0124	- .0120	- .0115	- .0108	- .0099
6.84	- .0123	- .0119	- .0114	- .0108	- .0096
6.85	- .0123	- .0119	- .0114	- .0107	- .0098
6.86	- .0122	- .0118	- .0113	- .0107	- .0098
6.87	- .0122	- .0118	- .0113	- .0106	- .0097
6.88	- .0121	- .0117	- .0112	- .0106	- .0097
6.89	- .0121	- .0117	- .0112	- .0105	- .0096
6.90	- .0121	- .0116	- .0111	- .0105	- .0096
6.91	- .0120	- .0116	- .0111	- .0104	- .0095
6.92	- .0120	- .0115	- .0110	- .0104	- .0095
6.93	- .0119	- .0115	- .0110	- .0103	- .0094
6.94	- .0119	- .0114	- .0109	- .0103	- .0094
6.95	- .0118	- .0114	- .0109	- .0102	- .0093
6.96	- .0118	- .0113	- .0108	- .0102	- .0093
6.97	- .0117	- .0113	- .0108	- .0101	- .0093
6.98	- .0117	- .0113	- .0107	- .0101	- .0093
6.99	- .0116	- .0112	- .0107	- .0100	- .0091
7.00	- .0116	- .0112	- .0106	- .0100	- .0091
7.01	- .0115	- .0111	- .0106	- .0099	- .0090
7.02	- .0115	- .0111	- .0105	- .0099	- .0090
7.03	- .0114	- .0110	- .0105	- .0098	- .0089
7.04	- .0114	- .0110	- .0104	- .0098	- .0089
7.05	- .0113	- .0109	- .0104	- .0097	- .0088
7.06	- .0113	- .0109	- .0103	- .0097	- .0088
7.07	- .0113	- .0108	- .0103	- .0096	- .0088
7.08	- .0112	- .0108	- .0102	- .0096	- .0087
7.09	- .0112	- .0107	- .0102	- .0095	- .0087
7.10	- .0111	- .0107	- .0101	- .0095	- .0086
7.11	- .0111	- .0106	- .0101	- .0094	- .0086
7.12	- .0110	- .0106	- .0100	- .0094	- .0085
7.13	- .0110	- .0105	- .0100	- .0093	- .0085
7.14	- .0109	- .0105	- .0099	- .0093	- .0084
7.15	- .0109	- .0104	- .0099	- .0092	- .0084
7.16	- .0108	- .0104	- .0098	- .0092	- .0083
7.17	- .0108	- .0103	- .0098	- .0091	- .0083
7.18	- .0107	- .0103	- .0097	- .0091	- .0082
7.19	- .0107	- .0102	- .0097	- .0090	- .0082
7.20	- .0106	- .0102	- .0096	- .0090	- .0081
7.21	- .0106	- .0101	- .0096	- .0089	- .0081
7.22	- .0105	- .0101	- .0096	- .0088	- .0080
7.23	- .0105	- .0100	- .0095	- .0088	- .0080
7.24	- .0104	- .0100	- .0095	- .0088	- .0079
7.25	- .0104	- .0099	- .0094	- .0088	- .0079
7.26	- .0103	- .0099	- .0094	- .0087	- .0079
7.27	- .0103	- .0098	- .0093	- .0087	- .0078
7.28	- .0102	- .0098	- .0093	- .0086	- .0078
7.29	- .0102	- .0097	- .0092	- .0086	- .0077
7.30	- .0101	- .0097	- .0092	- .0085	- .0077
7.31	- .0101	- .0096	- .0091	- .0085	- .0076
7.32	- .0100	- .0096	- .0091	- .0084	- .0076
7.33	- .0100	- .0095	- .0090	- .0084	- .0075
7.34	- .0099	- .0095	- .0090	- .0083	- .0075
7.35	- .0099	- .0094	- .0089	- .0083	- .0074
7.36	- .0098	- .0094	- .0088	- .0082	- .0074
7.37	- .0098	- .0093	- .0088	- .0082	- .0073
7.38	- .0097	- .0093	- .0088	- .0081	- .0073
7.39	- .0097	- .0093	- .0087	- .0081	- .0073
7.40	- .0096	- .0092	- .0087	- .0080	- .0072
7.41	- .0096	- .0092	- .0086	- .0080	- .0072
7.42	- .0095	- .0091	- .0086	- .0079	- .0071
7.43	- .0095	- .0091	- .0085	- .0079	- .0071
7.44	- .0095	- .0090	- .0085	- .0079	- .0070
7.45	- .0094	- .0090	- .0084	- .0078	- .0070
7.46	- .0094	- .0089	- .0084	- .0078	- .0069
7.47	- .0093	- .0089	- .0083	- .0077	- .0069
7.48	- .0093	- .0088	- .0083	- .0077	- .0069
7.49	- .0092	- .0088	- .0083	- .0076	- .0068
7.50	- .0092	- .0087	- .0082	- .0076	- .0068

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
6.75	- .0092	- .0084	- .0073	- .0065	- .0060
6.76	- .0091	- .0083	- .0072	- .0065	- .0059
6.77	- .0091	- .0083	- .0072	- .0064	- .0059
6.78	- .0090	- .0082	- .0072	- .0064	- .0058
6.79	- .0090	- .0082	- .0071	- .0064	- .0058
6.80	- .0089	- .0082	- .0071	- .0063	- .0058
6.81	- .0089	- .0081	- .0070	- .0063	- .0057
6.82	- .0089	- .0081	- .0070	- .0063	- .0057
6.83	- .0088	- .0080	- .0070	- .0062	- .0057
6.84	- .0088	- .0080	- .0069	- .0062	- .0057
6.85	- .0087	- .0079	- .0069	- .0062	- .0056
6.86	- .0087	- .0079	- .0069	- .0061	- .0056
6.87	- .0086	- .0079	- .0068	- .0061	- .0055
6.88	- .0086	- .0078	- .0068	- .0061	- .0055
6.89	- .0085	- .0078	- .0067	- .0060	- .0055
6.90	- .0085	- .0077	- .0067	- .0060	- .0055
6.91	- .0084	- .0077	- .0067	- .0060	- .0054
6.92	- .0084	- .0076	- .0066	- .0059	- .0054
6.93	- .0083	- .0076	- .0066	- .0059	- .0054
6.94	- .0083	- .0076	- .0065	- .0059	- .0053
6.95	- .0082	- .0075	- .0065	- .0058	- .0053
6.96	- .0082	- .0075	- .0065	- .0058	- .0053
6.97	- .0082	- .0074	- .0064	- .0058	- .0053
6.98	- .0081	- .0074	- .0064	- .0057	- .0052
6.99	- .0081	- .0073	- .0064	- .0057	- .0052
7.00	- .0080	- .0073	- .0063	- .0057	- .0052
7.01	- .0080	- .0073	- .0063	- .0056	- .0051
7.02	- .0079	- .0072	- .0062	- .0056	- .0051
7.03	- .0079	- .0072	- .0062	- .0056	- .0051
7.04	- .0078	- .0071	- .0062	- .0055	- .0050
7.05	- .0078	- .0071	- .0061	- .0055	- .0050
7.06	- .0077	- .0070	- .0061	- .0055	- .0050
7.07	- .0077	- .0070	- .0061	- .0054	- .0050
7.08	- .0076	- .0070	- .0060	- .0054	- .0049
7.09	- .0076	- .0069	- .0060	- .0054	- .0049
7.10	- .0076	- .0069	- .0060	- .0053	- .0049
7.11	- .0075	- .0068	- .0059	- .0053	- .0048
7.12	- .0075	- .0068	- .0059	- .0053	- .0048
7.13	- .0074	- .0068	- .0058	- .0052	- .0048
7.14	- .0074	- .0067	- .0058	- .0052	- .0047
7.15	- .0073	- .0067	- .0058	- .0052	- .0047
7.16	- .0073	- .0066	- .0057	- .0051	- .0047
7.17	- .0072	- .0066	- .0057	- .0051	- .0047
7.18	- .0072	- .0065	- .0057	- .0051	- .0046
7.19	- .0072	- .0065	- .0056	- .0050	- .0046
7.20	- .0071	- .0065	- .0056	- .0050	- .0046
7.21	- .0071	- .0064	- .0055	- .0050	- .0045
7.22	- .0070	- .0064	- .0055	- .0049	- .0045
7.23	- .0070	- .0063	- .0055	- .0049	- .0045
7.24	- .0069	- .0063	- .0055	- .0049	- .0045
7.25	- .0069	- .0063	- .0054	- .0049	- .0044
7.26	- .0069	- .0062	- .0054	- .0048	- .0044
7.27	- .0068	- .0062	- .0053	- .0048	- .0044
7.28	- .0068	- .0062	- .0053	- .0048	- .0044
7.29	- .0067	- .0061	- .0053	- .0047	- .0043
7.30	- .0067	- .0061	- .0053	- .0047	- .0043
7.31	- .0066	- .0060	- .0052	- .0047	- .0043
7.32	- .0066	- .0060	- .0052	- .0046	- .0042
7.33	- .0066	- .0060	- .0052	- .0046	- .0042
7.34	- .0065	- .0059	- .0051	- .0046	- .0042
7.35	- .0065	- .0059	- .0051	- .0046	- .0042
7.36	- .0064	- .0058	- .0051	- .0045	- .0041
7.37	- .0064	- .0058	- .0050	- .0045	- .0041
7.38	- .0064	- .0058	- .0050	- .0045	- .0041
7.39	- .0063	- .0057	- .0050	- .0044	- .0041
7.40	- .0063	- .0057	- .0049	- .0044	- .0040
7.41	- .0062	- .0057	- .0049	- .0044	- .0040
7.42	- .0062	- .0056	- .0049	- .0044	- .0040
7.43	- .0062	- .0056	- .0048	- .0043	- .0039
7.44	- .0061	- .0055	- .0048	- .0043	- .0039
7.45	- .0061	- .0055	- .0048	- .0043	- .0039
7.46	- .0060	- .0055	- .0047	- .0042	- .0038
7.47	- .0060	- .0054	- .0047	- .0042	- .0038
7.48	- .0060	- .0054	- .0047	- .0042	- .0038
7.49	- .0059	- .0054	- .0046	- .0042	- .0038
7.50	- .0059	- .0053	- .0046	- .0041	- .0038

$W_1(x, r)$

$X \backslash r$	1	1.1	1.25	1.5	2.0
7.50	- .0092	- .0087	- .0082	- .0076	- .0068
7.51	- .0091	- .0087	- .0083	- .0075	- .0067
7.52	- .0091	- .0086	- .0081	- .0075	- .0067
7.53	- .0090	- .0086	- .0081	- .0074	- .0066
7.54	- .0090	- .0085	- .0080	- .0074	- .0066
7.55	- .0089	- .0085	- .0080	- .0073	- .0066
7.56	- .0089	- .0084	- .0079	- .0073	- .0065
7.57	- .0088	- .0084	- .0079	- .0073	- .0065
7.58	- .0088	- .0083	- .0078	- .0072	- .0064
7.59	- .0087	- .0083	- .0078	- .0072	- .0064
7.60	- .0087	- .0082	- .0077	- .0071	- .0063
7.61	- .0086	- .0082	- .0077	- .0071	- .0063
7.62	- .0086	- .0082	- .0076	- .0070	- .0062
7.63	- .0085	- .0081	- .0076	- .0070	- .0062
7.64	- .0085	- .0081	- .0076	- .0069	- .0062
7.65	- .0084	- .0080	- .0075	- .0069	- .0061
7.66	- .0084	- .0080	- .0075	- .0069	- .0061
7.67	- .0083	- .0079	- .0074	- .0068	- .0061
7.68	- .0083	- .0079	- .0074	- .0068	- .0060
7.69	- .0083	- .0078	- .0073	- .0067	- .0060
7.70	- .0082	- .0078	- .0073	- .0067	- .0059
7.71	- .0082	- .0077	- .0072	- .0066	- .0059
7.72	- .0081	- .0077	- .0072	- .0066	- .0058
7.73	- .0081	- .0076	- .0072	- .0066	- .0058
7.74	- .0080	- .0076	- .0071	- .0065	- .0058
7.75	- .0080	- .0076	- .0071	- .0065	- .0057
7.76	- .0079	- .0075	- .0070	- .0064	- .0057
7.77	- .0079	- .0075	- .0070	- .0064	- .0057
7.78	- .0078	- .0074	- .0069	- .0063	- .0056
7.79	- .0078	- .0074	- .0069	- .0063	- .0056
7.80	- .0077	- .0075	- .0068	- .0063	- .0055
7.81	- .0077	- .0075	- .0068	- .0062	- .0055
7.82	- .0077	- .0075	- .0068	- .0062	- .0055
7.83	- .0076	- .0075	- .0067	- .0061	- .0054
7.84	- .0076	- .0075	- .0067	- .0061	- .0054
7.85	- .0075	- .0071	- .0066	- .0061	- .0054
7.86	- .0075	- .0071	- .0066	- .0060	- .0053
7.87	- .0074	- .0070	- .0065	- .0060	- .0053
7.88	- .0074	- .0070	- .0065	- .0059	- .0052
7.89	- .0073	- .0069	- .0065	- .0059	- .0052
7.90	- .0073	- .0069	- .0064	- .0059	- .0052
7.91	- .0072	- .0068	- .0064	- .0058	- .0051
7.92	- .0072	- .0068	- .0063	- .0058	- .0051
7.93	- .0072	- .0068	- .0063	- .0057	- .0052
7.94	- .0071	- .0067	- .0063	- .0057	- .0050
7.95	- .0071	- .0067	- .0062	- .0057	- .0050
7.96	- .0070	- .0066	- .0062	- .0056	- .0049
7.97	- .0070	- .0066	- .0061	- .0056	- .0049
7.98	- .0069	- .0065	- .0061	- .0055	- .0049
7.99	- .0069	- .0065	- .0060	- .0055	- .0048
8.00	- .0069	- .0065	- .0060	- .0055	- .0048
8.01	- .0068	- .0064	- .0060	- .0054	- .0048
8.02	- .0068	- .0064	- .0059	- .0054	- .0047
8.03	- .0067	- .0063	- .0059	- .0054	- .0047
8.04	- .0067	- .0063	- .0058	- .0053	- .0047
8.05	- .0066	- .0063	- .0058	- .0053	- .0046
8.06	- .0066	- .0062	- .0058	- .0052	- .0046
8.07	- .0066	- .0062	- .0057	- .0052	- .0046
8.08	- .0065	- .0061	- .0057	- .0052	- .0045
8.09	- .0065	- .0061	- .0057	- .0051	- .0045
8.10	- .0064	- .0061	- .0056	- .0051	- .0045
8.11	- .0064	- .0060	- .0056	- .0051	- .0044
8.12	- .0063	- .0060	- .0055	- .0050	- .0044
8.13	- .0063	- .0059	- .0055	- .0050	- .0044
8.14	- .0063	- .0059	- .0055	- .0049	- .0043
8.15	- .0062	- .0059	- .0054	- .0049	- .0043
8.16	- .0062	- .0058	- .0054	- .0049	- .0043
8.17	- .0061	- .0058	- .0053	- .0048	- .0042
8.18	- .0061	- .0057	- .0053	- .0048	- .0042
8.19	- .0061	- .0057	- .0053	- .0048	- .0042
8.20	- .0060	- .0057	- .0052	- .0047	- .0041
8.21	- .0060	- .0056	- .0052	- .0047	- .0041
8.22	- .0059	- .0056	- .0052	- .0047	- .0041
8.23	- .0059	- .0055	- .0051	- .0046	- .0040
8.24	- .0059	- .0055	- .0051	- .0046	- .0040
8.25	- .0058	- .0058	- .0050	- .0046	- .0040

$W_l(x, r)$

x/r	3.0	4.0	6.0	8.0	10.0
7.50	- .0059	- .0053	- .0046	- .0041	- .0038
7.51	- .0058	- .0053	- .0046	- .0041	- .0037
7.52	- .0058	- .0053	- .0045	- .0041	- .0037
7.53	- .0058	- .0052	- .0046	- .0040	- .0037
7.54	- .0057	- .0052	- .0045	- .0040	- .0037
7.55	- .0057	- .0052	- .0045	- .0040	- .0036
7.56	- .0056	- .0051	- .0044	- .0040	- .0036
7.57	- .0056	- .0051	- .0044	- .0039	- .0036
7.58	- .0056	- .0050	- .0044	- .0039	- .0036
7.59	- .0055	- .0050	- .0043	- .0039	- .0036
7.60	- .0055	- .0050	- .0043	- .0039	- .0035
7.61	- .0055	- .0049	- .0043	- .0038	- .0035
7.62	- .0054	- .0049	- .0042	- .0038	- .0035
7.63	- .0054	- .0048	- .0042	- .0038	- .0034
7.64	- .0053	- .0048	- .0042	- .0038	- .0034
7.65	- .0053	- .0048	- .0042	- .0037	- .0034
7.66	- .0053	- .0048	- .0041	- .0037	- .0034
7.67	- .0052	- .0047	- .0041	- .0036	- .0033
7.68	- .0052	- .0047	- .0041	- .0036	- .0033
7.69	- .0052	- .0047	- .0040	- .0036	- .0033
7.70	- .0051	- .0046	- .0040	- .0036	- .0033
7.71	- .0051	- .0046	- .0040	- .0036	- .0033
7.72	- .0051	- .0046	- .0040	- .0035	- .0032
7.73	- .0050	- .0045	- .0039	- .0035	- .0032
7.74	- .0050	- .0045	- .0039	- .0035	- .0032
7.75	- .0049	- .0045	- .0039	- .0035	- .0032
7.76	- .0049	- .0044	- .0038	- .0034	- .0032
7.77	- .0049	- .0044	- .0038	- .0034	- .0031
7.78	- .0048	- .0044	- .0038	- .0034	- .0031
7.79	- .0048	- .0044	- .0038	- .0034	- .0031
7.80	- .0048	- .0043	- .0037	- .0034	- .0031
7.81	- .0047	- .0043	- .0037	- .0033	- .0030
7.82	- .0047	- .0043	- .0037	- .0033	- .0030
7.83	- .0047	- .0042	- .0037	- .0033	- .0030
7.84	- .0046	- .0042	- .0036	- .0033	- .0030
7.85	- .0046	- .0042	- .0036	- .0032	- .0030
7.86	- .0046	- .0041	- .0036	- .0032	- .0029
7.87	- .0045	- .0041	- .0035	- .0032	- .0029
7.88	- .0045	- .0040	- .0035	- .0031	- .0029
7.89	- .0045	- .0040	- .0035	- .0031	- .0029
7.90	- .0044	- .0040	- .0035	- .0031	- .0028
7.91	- .0044	- .0040	- .0035	- .0031	- .0028
7.92	- .0044	- .0040	- .0034	- .0031	- .0028
7.93	- .0043	- .0039	- .0034	- .0031	- .0028
7.94	- .0043	- .0039	- .0034	- .0030	- .0028
7.95	- .0043	- .0039	- .0033	- .0030	- .0028
7.96	- .0042	- .0038	- .0033	- .0030	- .0027
7.97	- .0042	- .0038	- .0033	- .0030	- .0027
7.98	- .0042	- .0038	- .0033	- .0029	- .0027
7.99	- .0041	- .0038	- .0033	- .0029	- .0027
8.00	- .0041	- .0037	- .0032	- .0029	- .0027
8.01	- .0041	- .0037	- .0032	- .0029	- .0026
8.02	- .0041	- .0037	- .0032	- .0029	- .0026
8.03	- .0040	- .0036	- .0032	- .0028	- .0026
8.04	- .0040	- .0036	- .0031	- .0028	- .0026
8.05	- .0040	- .0036	- .0031	- .0028	- .0026
8.06	- .0039	- .0036	- .0031	- .0028	- .0025
8.07	- .0039	- .0035	- .0031	- .0027	- .0025
8.08	- .0039	- .0035	- .0030	- .0027	- .0025
8.09	- .0038	- .0035	- .0030	- .0027	- .0025
8.10	- .0038	- .0034	- .0030	- .0027	- .0025
8.11	- .0038	- .0034	- .0030	- .0027	- .0024
8.12	- .0038	- .0034	- .0029	- .0026	- .0024
8.13	- .0037	- .0034	- .0029	- .0026	- .0024
8.14	- .0037	- .0033	- .0029	- .0026	- .0024
8.15	- .0037	- .0033	- .0029	- .0026	- .0024
8.16	- .0036	- .0033	- .0029	- .0026	- .0024
8.17	- .0036	- .0033	- .0028	- .0025	- .0023
8.18	- .0036	- .0032	- .0028	- .0025	- .0023
8.19	- .0036	- .0032	- .0028	- .0025	- .0023
8.20	- .0035	- .0032	- .0028	- .0025	- .0023
8.21	- .0035	- .0032	- .0027	- .0025	- .0023
8.22	- .0035	- .0031	- .0027	- .0025	- .0022
8.23	- .0034	- .0031	- .0027	- .0024	- .0022
8.24	- .0034	- .0031	- .0027	- .0024	- .0022
8.25	- .0034	- .0031	- .0027	- .0024	- .0022

$W_1(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
8.25	- .0058	- .0055	- .0050	- .0046	- .0040
8.26	- .0058	- .0054	- .0050	- .0045	- .0039
8.27	- .0057	- .0054	- .0050	- .0045	- .0039
8.28	- .0057	- .0053	- .0049	- .0045	- .0039
8.29	- .0057	- .0053	- .0049	- .0044	- .0038
8.30	- .0056	- .0053	- .0049	- .0044	- .0038
8.31	- .0056	- .0052	- .0048	- .0044	- .0038
8.32	- .0055	- .0052	- .0048	- .0043	- .0038
8.33	- .0055	- .0052	- .0048	- .0043	- .0037
8.34	- .0055	- .0051	- .0047	- .0043	- .0037
8.35	- .0054	- .0051	- .0047	- .0042	- .0037
8.36	- .0054	- .0051	- .0047	- .0042	- .0036
8.37	- .0054	- .0050	- .0046	- .0042	- .0036
8.38	- .0053	- .0050	- .0046	- .0041	- .0036
8.39	- .0053	- .0049	- .0046	- .0041	- .0036
8.40	- .0052	- .0049	- .0045	- .0041	- .0035
8.41	- .0052	- .0049	- .0045	- .0040	- .0035
8.42	- .0052	- .0048	- .0045	- .0040	- .0035
8.43	- .0051	- .0048	- .0044	- .0040	- .0034
8.44	- .0051	- .0048	- .0044	- .0039	- .0034
8.45	- .0051	- .0047	- .0044	- .0039	- .0034
8.46	- .0050	- .0047	- .0043	- .0039	- .0034
8.47	- .0050	- .0047	- .0043	- .0038	- .0033
8.48	- .0049	- .0046	- .0042	- .0038	- .0033
8.49	- .0049	- .0046	- .0042	- .0038	- .0033
8.50	- .0049	- .0046	- .0042	- .0038	- .0032
8.51	- .0048	- .0045	- .0042	- .0037	- .0032
8.52	- .0048	- .0045	- .0041	- .0037	- .0032
8.53	- .0048	- .0045	- .0041	- .0037	- .0032
8.54	- .0047	- .0044	- .0041	- .0036	- .0031
8.55	- .0047	- .0044	- .0040	- .0036	- .0031
8.56	- .0047	- .0044	- .0040	- .0036	- .0031
8.57	- .0046	- .0043	- .0040	- .0035	- .0031
8.58	- .0046	- .0043	- .0039	- .0035	- .0030
8.59	- .0046	- .0043	- .0039	- .0035	- .0030
8.60	- .0045	- .0042	- .0039	- .0035	- .0030
8.61	- .0045	- .0042	- .0038	- .0034	- .0030
8.62	- .0045	- .0042	- .0038	- .0034	- .0029
8.63	- .0044	- .0041	- .0038	- .0034	- .0029
8.64	- .0044	- .0041	- .0038	- .0033	- .0029
8.65	- .0044	- .0041	- .0037	- .0033	- .0029
8.66	- .0043	- .0040	- .0037	- .0033	- .0028
8.67	- .0043	- .0040	- .0037	- .0033	- .0028
8.68	- .0043	- .0040	- .0036	- .0032	- .0028
8.69	- .0042	- .0039	- .0036	- .0032	- .0028
8.70	- .0042	- .0039	- .0036	- .0032	- .0027
8.71	- .0042	- .0039	- .0035	- .0032	- .0027
8.72	- .0041	- .0038	- .0035	- .0031	- .0027
8.73	- .0041	- .0038	- .0035	- .0031	- .0027
8.74	- .0041	- .0038	- .0035	- .0031	- .0026
8.75	- .0040	- .0038	- .0034	- .0031	- .0026
8.76	- .0040	- .0037	- .0034	- .0030	- .0026
8.77	- .0040	- .0037	- .0034	- .0030	- .0025
8.78	- .0039	- .0037	- .0033	- .0030	- .0025
8.79	- .0039	- .0036	- .0033	- .0030	- .0025
8.80	- .0039	- .0036	- .0033	- .0029	- .0025
8.81	- .0039	- .0036	- .0033	- .0029	- .0025
8.82	- .0038	- .0036	- .0032	- .0029	- .0025
8.83	- .0038	- .0036	- .0032	- .0029	- .0024
8.84	- .0038	- .0035	- .0032	- .0028	- .0024
8.85	- .0037	- .0035	- .0032	- .0028	- .0024
8.86	- .0037	- .0034	- .0031	- .0028	- .0024
8.87	- .0037	- .0034	- .0031	- .0028	- .0024
8.88	- .0036	- .0034	- .0031	- .0027	- .0023
8.89	- .0036	- .0034	- .0031	- .0027	- .0023
8.90	- .0036	- .0033	- .0030	- .0027	- .0023
8.91	- .0036	- .0033	- .0030	- .0027	- .0023
8.92	- .0035	- .0033	- .0030	- .0026	- .0022
8.93	- .0035	- .0032	- .0029	- .0026	- .0022
8.94	- .0035	- .0032	- .0029	- .0026	- .0022
8.95	- .0034	- .0032	- .0029	- .0026	- .0022
8.96	- .0034	- .0032	- .0029	- .0025	- .0022
8.97	- .0034	- .0031	- .0028	- .0025	- .0021
8.98	- .0034	- .0031	- .0028	- .0025	- .0021
8.99	- .0033	- .0031	- .0028	- .0025	- .0021
9.00	- .0033	- .0031	- .0028	- .0025	- .0021

$X \setminus r$	3.0	4.0	6.0	8.0	10.0
8.25	- .0034	- .0031	- .0027	- .0024	- .0022
8.26	- .0034	- .0030	- .0026	- .0024	- .0022
8.27	- .0033	- .0030	- .0026	- .0024	- .0022
8.28	- .0033	- .0030	- .0026	- .0023	- .0021
8.29	- .0033	- .0030	- .0026	- .0023	- .0021
8.30	- .0033	- .0029	- .0026	- .0023	- .0021
8.31	- .0032	- .0029	- .0025	- .0023	- .0021
8.32	- .0032	- .0029	- .0025	- .0023	- .0021
8.33	- .0032	- .0029	- .0025	- .0022	- .0020
8.34	- .0031	- .0028	- .0025	- .0022	- .0020
8.35	- .0031	- .0028	- .0025	- .0022	- .0020
8.36	- .0031	- .0028	- .0024	- .0022	- .0020
8.37	- .0031	- .0028	- .0024	- .0022	- .0020
8.38	- .0030	- .0028	- .0024	- .0022	- .0020
8.39	- .0030	- .0027	- .0024	- .0021	- .0020
8.40	- .0030	- .0027	- .0024	- .0021	- .0020
8.41	- .0030	- .0027	- .0023	- .0021	- .0019
8.42	- .0029	- .0027	- .0023	- .0021	- .0019
8.43	- .0029	- .0026	- .0023	- .0021	- .0019
8.44	- .0029	- .0026	- .0023	- .0021	- .0019
8.45	- .0029	- .0026	- .0023	- .0020	- .0019
8.46	- .0028	- .0026	- .0023	- .0020	- .0019
8.47	- .0028	- .0026	- .0023	- .0020	- .0018
8.48	- .0028	- .0025	- .0023	- .0020	- .0018
8.49	- .0028	- .0025	- .0023	- .0020	- .0018
8.50	- .0028	- .0025	- .0023	- .0020	- .0018
8.51	- .0027	- .0025	- .0023	- .0019	- .0018
8.52	- .0027	- .0025	- .0023	- .0019	- .0018
8.53	- .0027	- .0024	- .0023	- .0019	- .0018
8.54	- .0027	- .0024	- .0023	- .0019	- .0017
8.55	- .0026	- .0024	- .0021	- .0019	- .0017
8.56	- .0026	- .0024	- .0020	- .0019	- .0017
8.57	- .0026	- .0023	- .0020	- .0019	- .0017
8.58	- .0026	- .0023	- .0020	- .0018	- .0017
8.59	- .0025	- .0023	- .0020	- .0018	- .0017
8.60	- .0025	- .0023	- .0020	- .0018	- .0017
8.61	- .0025	- .0023	- .0020	- .0018	- .0016
8.62	- .0025	- .0023	- .0020	- .0018	- .0016
8.63	- .0025	- .0023	- .0019	- .0018	- .0016
8.64	- .0024	- .0023	- .0019	- .0017	- .0016
8.65	- .0024	- .0022	- .0019	- .0017	- .0016
8.66	- .0024	- .0022	- .0019	- .0017	- .0016
8.67	- .0024	- .0022	- .0019	- .0017	- .0016
8.68	- .0024	- .0021	- .0019	- .0017	- .0016
8.69	- .0023	- .0021	- .0019	- .0017	- .0015
8.70	- .0023	- .0021	- .0018	- .0017	- .0015
8.71	- .0023	- .0021	- .0018	- .0016	- .0015
8.72	- .0023	- .0021	- .0018	- .0016	- .0015
8.73	- .0023	- .0020	- .0018	- .0016	- .0015
8.74	- .0022	- .0020	- .0018	- .0016	- .0015
8.75	- .0022	- .0020	- .0018	- .0016	- .0015
8.76	- .0022	- .0020	- .0017	- .0016	- .0015
8.77	- .0022	- .0020	- .0017	- .0016	- .0014
8.78	- .0022	- .0019	- .0017	- .0016	- .0014
8.79	- .0021	- .0019	- .0017	- .0015	- .0014
8.80	- .0021	- .0019	- .0017	- .0015	- .0014
8.81	- .0021	- .0019	- .0017	- .0015	- .0014
8.82	- .0021	- .0019	- .0017	- .0015	- .0014
8.83	- .0021	- .0019	- .0016	- .0015	- .0014
8.84	- .0020	- .0019	- .0016	- .0015	- .0014
8.85	- .0020	- .0018	- .0016	- .0015	- .0014
8.86	- .0020	- .0018	- .0016	- .0015	- .0013
8.87	- .0020	- .0018	- .0016	- .0014	- .0013
8.88	- .0020	- .0018	- .0016	- .0014	- .0013
8.89	- .0019	- .0018	- .0016	- .0014	- .0013
8.90	- .0019	- .0018	- .0015	- .0014	- .0013
8.91	- .0019	- .0017	- .0015	- .0014	- .0013
8.92	- .0019	- .0017	- .0015	- .0014	- .0013
8.93	- .0019	- .0017	- .0015	- .0014	- .0013
8.94	- .0019	- .0017	- .0015	- .0014	- .0013
8.95	- .0018	- .0017	- .0015	- .0013	- .0012
8.96	- .0018	- .0017	- .0014	- .0013	- .0012
8.97	- .0018	- .0016	- .0014	- .0013	- .0012
8.98	- .0018	- .0016	- .0014	- .0013	- .0012
8.99	- .0018	- .0016	- .0014	- .0013	- .0012
9.00	- .0018	- .0016	- .0014	- .0013	- .0012

$W_j(x, r)$

X	1	1.1	1.25	1.5	2.0
9.00	- .0033	- .0031	- .0028	- .0025	- .0021
9.01	- .0033	- .0030	- .0028	- .0024	- .0021
9.02	- .0032	- .0030	- .0027	- .0024	- .0020
9.03	- .0032	- .0030	- .0027	- .0024	- .0020
9.04	- .0032	- .0030	- .0027	- .0024	- .0020
9.05	- .0032	- .0029	- .0027	- .0023	- .0020
9.06	- .0031	- .0029	- .0026	- .0023	- .0020
9.07	- .0031	- .0029	- .0026	- .0023	- .0019
9.08	- .0031	- .0029	- .0026	- .0023	- .0019
9.09	- .0031	- .0028	- .0026	- .0023	- .0019
9.10	- .0030	- .0028	- .0025	- .0022	- .0019
9.11	- .0030	- .0028	- .0025	- .0022	- .0019
9.12	- .0030	- .0028	- .0025	- .0022	- .0019
9.13	- .0030	- .0027	- .0025	- .0022	- .0018
9.14	- .0029	- .0027	- .0024	- .0022	- .0018
9.15	- .0029	- .0027	- .0024	- .0021	- .0018
9.16	- .0029	- .0027	- .0024	- .0021	- .0018
9.17	- .0029	- .0026	- .0024	- .0021	- .0018
9.18	- .0028	- .0026	- .0024	- .0021	- .0018
9.19	- .0028	- .0026	- .0023	- .0021	- .0017
9.20	- .0028	- .0026	- .0023	- .0020	- .0017
9.21	- .0028	- .0025	- .0023	- .0020	- .0017
9.22	- .0027	- .0025	- .0023	- .0020	- .0017
9.23	- .0027	- .0025	- .0023	- .0020	- .0017
9.24	- .0027	- .0025	- .0022	- .0020	- .0017
9.25	- .0027	- .0025	- .0022	- .0019	- .0016
9.26	- .0026	- .0024	- .0022	- .0019	- .0016
9.27	- .0026	- .0024	- .0022	- .0019	- .0016
9.28	- .0026	- .0024	- .0022	- .0019	- .0016
9.29	- .0026	- .0024	- .0021	- .0019	- .0016
9.30	- .0025	- .0023	- .0021	- .0018	- .0016
9.31	- .0025	- .0023	- .0021	- .0018	- .0015
9.32	- .0025	- .0023	- .0021	- .0018	- .0015
9.33	- .0025	- .0023	- .0021	- .0018	- .0015
9.34	- .0025	- .0023	- .0020	- .0018	- .0015
9.35	- .0024	- .0022	- .0020	- .0018	- .0015
9.36	- .0024	- .0022	- .0020	- .0017	- .0015
9.37	- .0024	- .0022	- .0020	- .0017	- .0014
9.38	- .0024	- .0022	- .0020	- .0017	- .0014
9.39	- .0023	- .0022	- .0019	- .0017	- .0014
9.40	- .0023	- .0021	- .0019	- .0017	- .0014
9.41	- .0023	- .0021	- .0019	- .0017	- .0014
9.42	- .0023	- .0021	- .0019	- .0016	- .0014
9.43	- .0023	- .0021	- .0019	- .0016	- .0014
9.44	- .0023	- .0021	- .0018	- .0016	- .0013
9.45	- .0022	- .0020	- .0018	- .0016	- .0013
9.46	- .0022	- .0020	- .0018	- .0016	- .0013
9.47	- .0022	- .0020	- .0018	- .0016	- .0013
9.48	- .0022	- .0020	- .0018	- .0015	- .0013
9.49	- .0021	- .0019	- .0018	- .0015	- .0013
9.50	- .0021	- .0019	- .0017	- .0015	- .0013
9.51	- .0021	- .0019	- .0017	- .0015	- .0012
9.52	- .0021	- .0019	- .0017	- .0015	- .0012
9.53	- .0021	- .0019	- .0017	- .0015	- .0012
9.54	- .0020	- .0019	- .0017	- .0014	- .0012
9.55	- .0020	- .0018	- .0017	- .0014	- .0012
9.56	- .0020	- .0018	- .0016	- .0014	- .0012
9.57	- .0020	- .0018	- .0016	- .0014	- .0012
9.58	- .0020	- .0018	- .0016	- .0014	- .0012
9.59	- .0019	- .0018	- .0016	- .0014	- .0011
9.60	- .0019	- .0018	- .0016	- .0014	- .0011
9.61	- .0019	- .0017	- .0016	- .0013	- .0011
9.62	- .0019	- .0017	- .0015	- .0013	- .0011
9.63	- .0019	- .0017	- .0015	- .0013	- .0011
9.64	- .0019	- .0017	- .0015	- .0013	- .0011
9.65	- .0018	- .0017	- .0015	- .0013	- .0011
9.66	- .0018	- .0017	- .0015	- .0013	- .0011
9.67	- .0018	- .0016	- .0015	- .0013	- .0010
9.68	- .0018	- .0016	- .0014	- .0012	- .0010
9.69	- .0018	- .0016	- .0014	- .0012	- .0010
9.70	- .0017	- .0016	- .0014	- .0012	- .0010
9.71	- .0017	- .0016	- .0014	- .0012	- .0010
9.72	- .0017	- .0016	- .0014	- .0012	- .0010
9.73	- .0017	- .0015	- .0014	- .0012	- .0010
9.74	- .0017	- .0015	- .0014	- .0012	- .0010
9.75	- .0017	- .0015	- .0013	- .0012	- .0010

$$W_r(x, r)$$

X	r	3.0	4.0	6.0	8.0	10.0
9.00	-	.018	-	.0014	-	.0012
9.01	-	.017	-	.0014	-	.0012
9.02	-	.017	-	.0014	-	.0012
9.03	-	.017	-	.0014	-	.0012
9.04	-	.017	-	.0014	-	.0012
9.05	-	.017	-	.0013	-	.0011
9.06	-	.016	-	.0013	-	.0011
9.07	-	.016	-	.0013	-	.0011
9.08	-	.016	-	.0013	-	.0011
9.09	-	.016	-	.0013	-	.0011
9.10	-	.016	-	.0013	-	.0011
9.11	-	.016	-	.0013	-	.0011
9.12	-	.016	-	.0013	-	.0011
9.13	-	.016	-	.0013	-	.0011
9.14	-	.015	-	.0012	-	.0011
9.15	-	.015	-	.0012	-	.0010
9.16	-	.015	-	.0012	-	.0010
9.17	-	.015	-	.0012	-	.0010
9.18	-	.015	-	.0012	-	.0010
9.19	-	.015	-	.0012	-	.0010
9.20	-	.014	-	.0012	-	.0010
9.21	-	.014	-	.0012	-	.0010
9.22	-	.014	-	.0012	-	.0010
9.23	-	.014	-	.0012	-	.0010
9.24	-	.014	-	.0011	-	.0010
9.25	-	.014	-	.0011	-	.0010
9.26	-	.013	-	.0011	-	.0010
9.27	-	.013	-	.0011	-	.0010
9.28	-	.013	-	.0011	-	.0010
9.29	-	.013	-	.0011	-	.0010
9.30	-	.013	-	.0011	-	.0009
9.31	-	.013	-	.0011	-	.0009
9.32	-	.013	-	.0010	-	.0009
9.33	-	.013	-	.0010	-	.0009
9.34	-	.013	-	.0010	-	.0009
9.35	-	.012	-	.0010	-	.0009
9.36	-	.012	-	.0010	-	.0009
9.37	-	.012	-	.0010	-	.0009
9.38	-	.012	-	.0010	-	.0009
9.39	-	.012	-	.0010	-	.0009
9.40	-	.012	-	.0010	-	.0008
9.41	-	.012	-	.0010	-	.0008
9.42	-	.012	-	.0010	-	.0008
9.43	-	.011	-	.0009	-	.0008
9.44	-	.011	-	.0009	-	.0008
9.45	-	.011	-	.0009	-	.0008
9.46	-	.011	-	.0009	-	.0008
9.47	-	.011	-	.0009	-	.0008
9.48	-	.011	-	.0009	-	.0008
9.49	-	.011	-	.0009	-	.0008
9.50	-	.011	-	.0009	-	.0008
9.51	-	.011	-	.0009	-	.0008
9.52	-	.010	-	.0009	-	.0007
9.53	-	.010	-	.0009	-	.0007
9.54	-	.010	-	.0009	-	.0007
9.55	-	.010	-	.0008	-	.0007
9.56	-	.010	-	.0008	-	.0007
9.57	-	.010	-	.0008	-	.0007
9.58	-	.010	-	.0008	-	.0007
9.59	-	.010	-	.0008	-	.0007
9.60	-	.010	-	.0008	-	.0007
9.61	-	.009	-	.0008	-	.0007
9.62	-	.009	-	.0008	-	.0007
9.63	-	.009	-	.0008	-	.0007
9.64	-	.009	-	.0008	-	.0007
9.65	-	.009	-	.0008	-	.0007
9.66	-	.009	-	.0008	-	.0007
9.67	-	.009	-	.0007	-	.0006
9.68	-	.009	-	.0007	-	.0006
9.69	-	.009	-	.0007	-	.0006
9.70	-	.009	-	.0007	-	.0006
9.71	-	.008	-	.0007	-	.0006
9.72	-	.008	-	.0007	-	.0006
9.73	-	.008	-	.0007	-	.0006
9.74	-	.008	-	.0007	-	.0006
9.75	-	.008	-	.0007	-	.0006

$W_l(x, r)$

X	1	1.1	1.25	1.5	2.0
9.75	-.0017	-.0015	-.0013	-.0012	-.0010
9.76	-.0016	-.0015	-.0013	-.0011	-.0009
9.77	-.0016	-.0015	-.0013	-.0011	-.0009
9.78	-.0016	-.0015	-.0013	-.0011	-.0009
9.79	-.0016	-.0014	-.0013	-.0011	-.0009
9.80	-.0016	-.0014	-.0013	-.0011	-.0009
9.81	-.0016	-.0014	-.0013	-.0011	-.0009
9.82	-.0015	-.0014	-.0013	-.0011	-.0009
9.83	-.0015	-.0014	-.0013	-.0011	-.0009
9.84	-.0015	-.0014	-.0013	-.0010	-.0009
9.85	-.0015	-.0014	-.0013	-.0010	-.0009
9.86	-.0015	-.0013	-.0012	-.0010	-.0008
9.87	-.0015	-.0013	-.0012	-.0010	-.0008
9.88	-.0015	-.0013	-.0012	-.0010	-.0008
9.89	-.0014	-.0013	-.0012	-.0010	-.0008
9.90	-.0014	-.0013	-.0011	-.0010	-.0008
9.91	-.0014	-.0013	-.0011	-.0010	-.0008
9.92	-.0014	-.0013	-.0011	-.0010	-.0008
9.93	-.0014	-.0012	-.0011	-.0009	-.0008
9.94	-.0014	-.0012	-.0011	-.0009	-.0008
9.95	-.0013	-.0012	-.0011	-.0009	-.0008
9.96	-.0013	-.0012	-.0011	-.0009	-.0007
9.97	-.0013	-.0012	-.0011	-.0009	-.0007
9.98	-.0013	-.0012	-.0010	-.0009	-.0007
9.99	-.0013	-.0012	-.0010	-.0009	-.0007
10.00	-.0013	-.0012	-.0010	-.0009	-.0007

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
9.75	-.0008	-.0008	-.0007	-.0007	-.0006
9.76	-.0008	-.0007	-.0007	-.0006	-.0006
9.77	-.0008	-.0007	-.0007	-.0006	-.0006
9.78	-.0008	-.0007	-.0007	-.0006	-.0006
9.79	-.0008	-.0007	-.0007	-.0006	-.0006
9.80	-.0008	-.0007	-.0007	-.0006	-.0006
9.81	-.0008	-.0007	-.0007	-.0006	-.0006
9.82	-.0007	-.0007	-.0006	-.0006	-.0006
9.83	-.0007	-.0007	-.0006	-.0006	-.0006
9.84	-.0007	-.0007	-.0006	-.0006	-.0006
9.85	-.0007	-.0007	-.0006	-.0006	-.0006
9.86	-.0007	-.0007	-.0006	-.0006	-.0006
9.87	-.0007	-.0007	-.0006	-.0006	-.0006
9.88	-.0007	-.0007	-.0006	-.0006	-.0005
9.89	-.0007	-.0006	-.0006	-.0006	-.0005
9.90	-.0007	-.0006	-.0006	-.0006	-.0005
9.91	-.0007	-.0006	-.0006	-.0006	-.0005
9.92	-.0007	-.0006	-.0006	-.0006	-.0005
9.93	-.0007	-.0006	-.0006	-.0005	-.0005
9.94	-.0007	-.0006	-.0006	-.0005	-.0005
9.95	-.0006	-.0006	-.0006	-.0005	-.0005
9.96	-.0006	-.0006	-.0006	-.0005	-.0005
9.97	-.0006	-.0006	-.0006	-.0005	-.0005
9.98	-.0006	-.0006	-.0006	-.0005	-.0005
9.99	-.0006	-.0006	-.0005	-.0005	-.0005
10.00	-.0006	-.0006	-.0005	-.0005	-.0005

$W_2(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.00	.50000000	.63985338	.78262379	.91855865	1.01646599
.01	.51606888	.65206862	.79166747	.92327859	1.01644046
.02	.53177607	.66453305	.80038055	.92770206	1.01617283
.03	.54712250	.67664834	.80876553	.93183280	1.01566661
.04	.56210916	.68841629	.81682495	.93567817	1.01498532
.05	.57673717	.69983879	.82456144	.93982519	1.01395251
.06	.59100771	.71091782	.83197767	.94249450	1.01275171
.07	.60492209	.72165540	.83907634	.94548339	1.01132651
.08	.61848169	.73205364	.84586026	.94819517	1.00968047
.09	.63168798	.74211473	.85233283	.95063317	1.00781719
.10	.64454250	.75184090	.85849513	.95280077	1.00574026
.11	.65704691	.76123447	.86435189	.9570136	1.00345329
.12	.66920289	.77029782	.86990547	.95633837	1.00095598
.13	.68101232	.77903337	.87515888	.95771525	99826369
.14	.69247701	.78744362	.88011516	.95883546	99536830
.15	.70359893	.79553113	.88477741	.95970851	99227734
.16	.71438010	.80329850	.88914875	.96031989	988899445
.17	.72482262	.81074839	.89323235	.96091113	98552326
.18	.73492865	.81788353	.89703140	.96081979	98186738
.19	.74470044	.82470667	.90054914	.96070942	97803044
.20	.75414027	.83182063	.90378883	.96036360	97401607
.21	.76325051	.83748827	.90675375	.95978591	96982789
.22	.77203358	.84333250	.90944784	.95897995	96546950
.23	.78049196	.84893626	.91187263	.95879493	960945651
.24	.78862819	.85424254	.91403331	.95669767	95685563
.25	.79644486	.85985438	.91593266	.95522859	95140914
.26	.80394463	.86397484	.91757410	.95354572	94640598
.27	.81113019	.86840703	.91869107	.95165870	94125046
.28	.81800489	.87255409	.9209704	.94955317	93594630
.29	.82456974	.87641920	.92098547	.94725075	93049700
.30	.83082938	.88000555	.92162987	.94474911	92490609
.31	.83678610	.88331639	.92803373	.94205188	91917711
.32	.84244283	.88635498	.92280058	.93916270	91331354
.33	.84780856	.88912462	.92213396	.93608581	90731890
.34	.85886830	.89162861	.92183741	.93282305	90119664
.35	.85764309	.89387032	.92131449	.92937985	8495024
.36	.86213004	.89585309	.92056875	.92575924	88856314
.37	.86633287	.89758031	.91960379	.92196483	88209875
.38	.87028529	.89905541	.91842316	.91800025	87550049
.39	.87389524	.90028179	.91703047	.91386910	86879178
.40	.87726238	.90126290	.91542629	.90957497	86197583
.41	.88035763	.90200281	.91362321	.90512145	85505614
.42	.88318426	.90250318	.91161583	.90051212	84803599
.43	.88574557	.90275930	.90941074	.89575054	84091866
.44	.88804489	.90280407	.90701153	.89084026	83370743
.45	.89008557	.90261100	.90442180	.88578482	82640555
.46	.89187098	.9021362	.90164513	.88058773	81901625
.47	.89340452	.90155543	.89868511	.87529258	81154272
.48	.89468960	.90070000	.89554531	.86978266	80398814
.49	.89572965	.89963084	.8922931	.86418164	79635566
.50	.89652810	.89835151	.88874068	.85845292	78864840
.51	.89708848	.89686556	.88508297	.85289998	78086946
.52	.89741409	.89517653	.88125975	.84662608	77302191
.53	.89750858	.89388799	.87727455	.84053479	76510878
.54	.89737540	.89120348	.87313090	.83432943	75713308
.55	.89701804	.88892655	.86883232	.82801337	74909781
.56	.89644003	.8646077	.86438233	.82158993	74100590
.57	.89564487	.88380967	.85978441	.81506844	73286029
.58	.89463611	.88097679	.85504206	.80843419	72466386
.59	.89341727	.87796569	.85015873	.80170845	71641949
.60	.89199188	.87477988	.84513788	.7948845	70813000
.61	.89036349	.87148291	.83998895	.78797743	.699479820
.62	.886853563	.86789888	.83469735	.78097858	.69142684
.63	.88651185	.86420950	.82928450	.77389507	.68301868
.64	.88429567	.86036009	.82374776	.76673003	.67457642
.65	.88189066	.85635358	.81809052	.75948660	.66610273
.66	.87930032	.85219329	.81231610	.75216785	.65760025
.67	.87652821	.84788285	.80642785	.74477686	.64907160
.68	.87357784	.84342566	.80042906	.73731665	.64051934
.69	.870425273	.83888516	.79432308	.72979023	.63194603
.70	.86715640	.83408478	.78811299	.72220058	.68335416
.71	.86369236	.88920792	.78180220	.71455065	.61474622
.72	.86006411	.82419800	.77529388	.70684335	.60618464
.73	.85627513	.81905838	.76889181	.699080158	.59749184
.74	.85232890	.81379242	.76229736	.69126819	.58885019
.75	.84822890	.80840347	.75561548	.68340602	.58020202

W₂(x,r)

X \ Y	3.0	4.0	6.0	8.0	10.0
.00	1.01036297	9.5312500	84201209	.75682522	.69174823
.01	1.00672450	9.4832325	83669776	.75160446	.68674250
.02	1.00290795	9.4333781	83127642	.74629578	.68166078
.03	9.9891674	9.3829875	82575081	.74090160	.67650528
.04	9.9475425	9.3307030	82012364	.73542434	.67127819
.05	9.9042390	9.2771391	.81439763	.72986641	.66598169
.06	9.8592909	9.2222673	.80857548	.72423021	.66061797
.07	9.8127322	9.1661187	.80265989	.71851813	.65518918
.08	9.7645970	9.1087247	.79665354	.71273254	.64969749
.09	9.7149192	9.0501164	.79055910	.70687681	.64414503
.10	9.6637327	8.9903248	.78437924	.70095031	.63853393
.11	9.6110714	8.9295810	.77811660	.69495835	.63285632
.12	9.5569691	8.8673157	.77177382	.68890228	.62714430
.13	9.5014595	8.8041598	.76535351	.68278441	.62136996
.14	9.4445762	8.7399438	.75885828	.67660703	.61554538
.15	9.3863527	.86746981	.75289073	.67037244	.60967262
.16	9.3268226	.86084531	.74565342	.66408289	.60375373
.17	9.2650190	.85412389	.73894891	.65774063	.59779074
.18	9.2039752	.84730856	.73217975	.65134792	.59178557
.19	9.1407342	.84040230	.72534845	.64490695	.58574052
.20	9.0762990	.83340808	.71845752	.63841994	.57965572
.21	9.0107323	.82632885	.71150946	.63188906	.57353790
.22	8.9440567	.81916753	.70450672	.62531648	.56738434
.23	8.8763047	.81192705	.69745175	.61870435	.56119854
.24	8.8075084	.80461029	.69034698	.61205480	.55498841
.25	8.7377001	.79728012	.68319482	.60536992	.54873784
.26	8.6669116	.78975940	.67599766	.59865181	.54246671
.27	8.5951747	.78223096	.66875785	.59190254	.53617088
.28	8.52825208	.77463375	.66147774	.58512415	.52985219
.29	8.4489818	.76698209	.65415966	.57831867	.52351246
.30	8.3745870	.75926722	.64680589	.57148810	.51715349
.31	8.2993692	.75149572	.63941873	.56463443	.51077706
.32	8.2233583	.74367030	.63200040	.55775962	.50438492
.33	8.1465847	.73579365	.62455316	.55086560	.49797883
.34	8.0690787	.72786843	.61707920	.54395431	.49156049
.35	7.9908701	.71989729	.60958070	.53702763	.48513160
.36	7.9198887	.71182824	.60205982	.53008743	.47869385
.37	7.8324639	.70382767	.59451868	.52313557	.47224889
.38	7.7523249	.69573433	.58695941	.51617387	.46579835
.39	7.6716005	.68760537	.57938407	.50920413	.45934384
.40	7.5903195	.67944328	.57179472	.50822815	.45288696
.41	7.5085102	.67125056	.56419340	.49524766	.44648927
.42	7.4262007	.66302965	.55658210	.48826441	.43997238
.43	7.3434188	.65578297	.54896281	.48128010	.43351764
.44	7.2601921	.64651293	.54133748	.47429642	.42706673
.45	7.1765478	.63822188	.53370802	.46731503	.42062107
.46	7.0925129	.62991217	.52607635	.46033756	.41418211
.47	7.0081141	.62158610	.51844343	.45336563	.40775130
.48	6.9233777	.61324596	.51081382	.44640082	.40133004
.49	6.8383298	.60489399	.50318662	.43944470	.39491973
.50	6.7529962	.59653241	.49556452	.43249880	.38858178
.51	6.6674023	.58816342	.48794929	.42556463	.38213737
.52	6.5815734	.57978916	.48034267	.41864369	.37576800
.53	6.4955341	.57141179	.47276637	.41173744	.36940149
.54	6.4093091	.56303338	.46516206	.40484731	.36307937
.55	6.3229226	.55465601	.45759140	.39797471	.35676263
.56	6.2363984	.54628173	.45003602	.39112105	.35046598
.57	6.1497603	.53791252	.44249752	.38428767	.34419046
.58	6.0630313	.52955038	.43497745	.37747592	.33793742
.59	5.9762344	.52119274	.42747738	.37068711	.33170797
.60	5.8893923	.51285501	.41999881	.36392253	.32550324
.61	5.8025272	.50452559	.41254322	.35718344	.31932435
.62	5.7156611	.49621082	.40511209	.35047108	.31317239
.63	5.6288156	.48791253	.39770684	.34378666	.30704843
.64	5.5420120	.47963249	.39032887	.33713137	.30095351
.65	5.4552712	.47137247	.38297956	.33050637	.29488667
.66	5.3686140	.46313420	.37566026	.32391280	.28885490
.67	5.2820605	.45491936	.36837289	.31735177	.28285317
.68	5.1956308	.44672962	.36111695	.31082438	.27684466
.69	5.1093445	.43856661	.35389549	.30433168	.27094968
.70	5.0232208	.43043194	.34670916	.29787472	.26504975
.71	4.9322789	.42232717	.33955916	.29145450	.25918556
.72	4.8515372	.41425383	.33244669	.28507803	.25335797
.73	4.7660140	.40621344	.32537289	.27872826	.24756783
.74	4.6807275	.39820746	.31833890	.27242414	.24181597
.75	4.5956951	.39023737	.31134582	.26616058	.23610317

$W_2(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.75	.848822890	.80840347	.75561548	.68340602	.58020202
.76	.84397857	.80289486	.74884868	.67549785	.57154955
.77	.83958137	.79726989	.74200006	.66754645	.56289535
.78	.83504071	.79153185	.73507268	.65955456	.55424134
.79	.83036002	.78568399	.72806958	.65152439	.54558984
.80	.82554271	.77972957	.72099376	.64346009	.53694301
.81	.82059214	.77367180	.71384823	.63536281	.52830899
.82	.81581169	.76751390	.70663592	.62723556	.51967186
.83	.81030478	.76125902	.69935978	.61908121	.51105170
.84	.80497456	.75491033	.69202270	.61090200	.50244453
.85	.79952452	.74847096	.68462755	.60270053	.49385235
.86	.79395789	.74194401	.67717717	.59447929	.48527712
.87	.78827796	.73533255	.66967438	.58624070	.47672075
.88	.78248798	.72863965	.66212195	.57798718	.46818514
.89	.77659116	.72186834	.65452263	.56972111	.45967214
.90	.77059079	.71502161	.64687915	.56114481	.45118357
.91	.76448998	.70810244	.63919420	.55316061	.44272122
.92	.75829198	.70111378	.63147044	.54487075	.43428683
.93	.75199977	.69405855	.62371048	.53657750	.42588212
.94	.74561664	.68693965	.61591694	.52888304	.41750877
.95	.73914563	.67975993	.60809236	.51998955	.40916843
.96	.73256981	.67252235	.60023929	.51169916	.40086271
.97	.728595228	.66522937	.59236022	.50341398	.39259319
.98	.71923590	.65788411	.58445762	.49513606	.38436140
.99	.71244383	.65048921	.57653392	.48686744	.37616886
1.00	.70557898	.64304738	.56859153	.47861012	.36801705
1.01	.69864429	.63556131	.56063281	.47036605	.35990741
1.02	.69164269	.62803366	.55266010	.46213717	.35184134
1.03	.68457704	.62046705	.54467571	.45392537	.34382021
1.04	.67745022	.61286408	.53666189	.44573281	.33584538
1.05	.67026504	.60522732	.52868089	.43756041	.38791814
1.06	.66302432	.59755930	.52067492	.428941086	.38003977
1.07	.65573062	.58986251	.51266613	.42128856	.31821152
1.08	.64838728	.58213944	.50465666	.41318642	.30443459
1.09	.64099642	.57439250	.49664863	.40511494	.29671016
1.10	.63356092	.56662412	.48864408	.39707283	.28903937
1.11	.62608343	.55883666	.48064507	.38906171	.28182334
1.12	.61856657	.55103047	.47265358	.38108317	.27386314
1.13	.61101293	.54321386	.46467159	.37313875	.26635983
1.14	.60342508	.53536306	.45670103	.36522899	.25891441
1.15	.59580554	.52754240	.44874380	.35735836	.25152789
1.16	.58815680	.51969402	.44080176	.34952531	.24420120
1.17	.58048134	.51184011	.43287675	.34173227	.23693528
1.18	.57278158	.50398283	.42497057	.33398062	.22973102
1.19	.56505993	.49612428	.41708497	.32627170	.22258928
1.20	.55731875	.48826653	.40922170	.31860684	.21551089
1.21	.549560	.480412	.401382	.310987	.208497
1.22	.541787	.472562	.393569	.303414	.201547
1.23	.534001	.464718	.385783	.295889	.194664
1.24	.526205	.456884	.378025	.288413	.187847
1.25	.518401	.449060	.370298	.280987	.181096
1.26	.510590	.441249	.368604	.273613	.174414
1.27	.502776	.433458	.354948	.266290	.167800
1.28	.494960	.425672	.347316	.259022	.161255
1.29	.487144	.417909	.339726	.251807	.154779
1.30	.479331	.410167	.332174	.244649	.148374
1.31	.471522	.402445	.324661	.237546	.142039
1.32	.463720	.394747	.317188	.230501	.135775
1.33	.455926	.387074	.309757	.223515	.129583
1.34	.448141	.379487	.302370	.216587	.123463
1.35	.440370	.371808	.295027	.209720	.117415
1.36	.432612	.364219	.287729	.202913	.111440
1.37	.428469	.356660	.280478	.196168	.105538
1.38	.417145	.349134	.273275	.189485	.099710
1.39	.409439	.341643	.266120	.182866	.093955
1.40	.401755	.334186	.259016	.176310	.088275
1.41	.394093	.326766	.251963	.169819	.082669
1.42	.386455	.319385	.244962	.163393	.077137
1.43	.378843	.312043	.238014	.157033	.071681
1.44	.371859	.304741	.231121	.150740	.066299
1.45	.363704	.297482	.224282	.144513	.060993
1.46	.356180	.290866	.217499	.138353	.055761
1.47	.348687	.283094	.210773	.132868	.050606
1.48	.341888	.275968	.204105	.126239	.045586
1.49	.333804	.268888	.197494	.120285	.040521
1.50	.326416	.261857	.190944	.114401	.035593

X \ T		3.0	4.0	6.0	8.0	10.0
.75	.45956951	.39023737	.31134582	.26616058	.23610317	
.76	.45109342	.38230455	.30439472	.25993849	.23043022	
.77	.44264617	.37441038	.29748665	.25375872	.22479788	
.78	.43422942	.36655623	.29062263	.24762212	.21920687	
.79	.42584481	.35874340	.28380365	.24152952	.21365793	
.80	.41749394	.35097320	.27703069	.23548172	.20815172	
.81	.40917836	.34324688	.27030469	.22947948	.20268894	
.82	.40089960	.33556567	.26362655	.22352357	.19727022	
.83	.39265916	.32793077	.25699718	.21761471	.19189619	
.84	.38445851	.32034334	.25041743	.21175361	.18656747	
.85	.37629908	.31280453	.24388815	.20594094	.18128464	
.86	.36818827	.30531544	.23741014	.20017737	.17604827	
.87	.36010944	.29787716	.23098419	.19446355	.17085890	
.88	.35208193	.29049072	.22461106	.18880007	.16571706	
.89	.34410103	.28315716	.21829150	.18318755	.16062326	
.90	.33616803	.27587746	.21202620	.17762654	.15557798	
.91	.32828415	.26865259	.20581587	.17211760	.15058169	
.92	.324545060	.26148347	.19966115	.16666126	.14563484	
.93	.31266856	.25437101	.19356270	.16125803	.14073786	
.94	.30493916	.24731609	.18752111	.15590838	.13589115	
.95	.29726353	.24031955	.18153699	.15061278	.13109510	
.96	.28964273	.23338221	.17561090	.14537169	.12635008	
.97	.28207783	.22650487	.16974339	.14018551	.12165646	
.98	.27456983	.21968829	.16393496	.13805466	.11701455	
.99	.26711973	.21293320	.15818613	.12997951	.11242468	
1.00	.25972848	.20624031	.15249735	.12496043	.10788714	
1.01	.25239702	.19961031	.14686909	.11999776	.10340222	
1.02	.24512623	.19304385	.14130178	.11509182	.99897018	
1.03	.23791699	.18654157	.13579581	.11024292	.99459125	
1.04	.23077013	.18010405	.13035157	.10545134	.99026568	
1.05	.22368646	.17573189	.12496944	.10071734	.98599366	
1.06	.21666677	.16742562	.11964973	.09604116	.98177539	
1.07	.20971181	.16118578	.11439279	.09142308	.97761106	
1.08	.20282229	.15501287	.10919890	.08686325	.97350081	
1.09	.19599891	.14890735	.10406835	.08236188	.96944480	
1.10	.18924235	.14286969	.09900139	.07791915	.96544315	
1.11	.18255323	.13690031	.09399827	.07353581	.96149597	
1.12	.17593217	.13099980	.08905919	.06981020	.95760337	
1.13	.16937975	.12516795	.08418435	.06494424	.95376548	
1.14	.16289653	.11940571	.07937395	.06073744	.94998219	
1.15	.15648305	.11371321	.07462812	.05658988	.94625373	
1.16	.15013980	.10809075	.06994702	.05850164	.94258008	
1.17	.14386726	.10253863	.06533076	.04847278	.93896126	
1.18	.13766588	.09705711	.06077946	.04450332	.93539727	
1.19	.13153610	.09164642	.05629318	.04059330	.93188818	
1.20	.12547830	.08630678	.05187200	.03674272	.92843378	
1.21	.119493	.081038	.047516	.038952	.925034	
1.22	.113880	.075841	.043225	.029280	.9216689	
1.23	.107741	.070716	.038999	.025547	.918399	
1.24	.101974	.065668	.034839	.021934	.915164	
1.25	.096282	.060680	.030744	.018381	.911983	
1.26	.090663	.055770	.026714	.014886	.908856	
1.27	.085118	.050933	.028748	.011451	.905784	
1.28	.079648	.046167	.018848	.008074	.902765	
1.29	.074252	.041473	.015013	.004756	.900199	
1.30	.068931	.036851	.011243	.001497	.903109	
1.31	.063684	.032301	.007537	.001703	.905965	
1.32	.058513	.028782	.003896	.004845	.908768	
1.33	.053416	.023418	.000320	.007929	.911518	
1.34	.048395	.019084	.003192	.010954	.914214	
1.35	.043449	.014822	-.006640	.013922	.916857	
1.36	.038578	.010632	-.010025	.016832	.919448	
1.37	.033783	.006514	-.013345	.019685	.921986	
1.38	.029062	.002467	-.016602	.022481	.924473	
1.39	.024417	-.001509	-.019795	.025219	.926905	
1.40	.019847	-.005413	-.022926	.027201	.929287	
1.41	.015352	-.009246	-.025994	.030586	.931617	
1.42	.010932	-.013008	-.028999	.033095	.933896	
1.43	.006587	-.016700	-.031942	.035609	.936124	
1.44	.002317	-.020321	-.034823	.038067	.938301	
1.45	-.001879	-.023873	-.037642	.040469	.940427	
1.46	-.006000	-.027354	-.040400	.042817	.942504	
1.47	-.010047	-.030765	-.043096	.045109	.944530	
1.48	-.014019	-.034107	-.045732	.047348	.946507	
1.49	-.017918	-.037380	-.048308	.049532	.948435	
1.50	-.021743	-.040584	-.050823	-.051663	.950314	

$W_2(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	.3264	.2618	.1909	.1444	.355
1.51	.3191	.2549	.1845	.1086	.307
1.52	.3118	.2479	.1780	.1028	.2860
1.53	.3045	.2411	.1717	.0972	.2813
1.54	.2973	.2342	.1653	.0916	.2166
1.55	.2901	.2274	.1591	.0860	.0121
1.56	.2829	.2207	.1529	.0806	.076
1.57	.2758	.2141	.1468	.0752	.0032
1.58	.2688	.2074	.1408	.0699	.011
1.59	.2618	.2009	.1348	.0646	.0054
1.60	.2548	.1944	.1288	.0594	.0095
1.61	.2479	.1879	.1230	.0543	.0136
1.62	.2410	.1816	.1172	.0493	.0177
1.63	.2342	.1752	.1115	.0444	.0216
1.64	.2275	.1690	.1058	.0395	.0255
1.65	.2208	.1628	.1002	.0347	.0293
1.66	.2141	.1566	.0947	.0299	.0330
1.67	.2076	.1506	.0893	.0253	.0366
1.68	.2010	.1445	.0839	.0207	.0402
1.69	.1946	.1386	.0786	.0168	.0437
1.70	.1881	.1327	.0733	.0117	.0472
1.71	.1816	.1269	.0682	.0074	.0505
1.72	.1755	.1211	.0631	.0031	.0538
1.73	.1692	.1154	.0580	.0010	.0570
1.74	.1630	.1098	.0531	.0053	.0602
1.75	.1569	.1042	.0482	-.0094	.0632
1.76	.1509	.0987	.0433	.0134	.0662
1.77	.1449	.0933	.0386	.0173	.0692
1.78	.1389	.0879	.0339	.0218	.0720
1.79	.1331	.0826	.0293	.0250	.0748
1.80	.1273	.0774	.0848	-.287	.0775
1.81	.1215	.0723	.0803	-.325	.0802
1.82	.1158	.0672	.0159	-.359	.0828
1.83	.1102	.0622	.0116	-.394	.0853
1.84	.1047	.0572	.0073	-.488	.0877
1.85	.0992	.0523	-.0031	-.462	.0901
1.86	.0938	.0475	-.0010	-.495	.0924
1.87	.0884	.0428	-.0050	-.527	.0947
1.88	.0832	.0381	-.0090	-.559	.0969
1.89	.0779	.0335	-.0129	-.589	.0990
1.90	.0728	.0289	-.0167	-.619	.1010
1.91	.0677	.0245	-.0205	-.649	.1030
1.92	.0627	.0201	-.0242	-.678	.1050
1.93	.0578	.0157	-.0276	-.706	.1068
1.94	.0529	.0115	-.0314	-.735	.086
1.95	.0481	-.0073	-.0349	-.760	.104
1.96	.0434	-.0032	-.0383	-.786	.120
1.97	.0387	-.0009	-.0416	-.811	.137
1.98	.0341	-.0049	-.0449	-.836	.152
1.99	.0296	-.0088	-.0481	-.860	.167
2.00	.0251	-.0126	-.0512	-.883	.182
2.01	.0207	-.0164	-.0543	-.906	.195
2.02	.0164	-.0201	-.0573	-.928	.209
2.03	.0121	-.0237	-.0603	-.950	.221
2.04	.0080	-.0273	-.0631	-.970	.233
2.05	-.0038	-.0308	-.0659	-.991	.245
2.06	-.0002	-.0342	-.0687	-.1010	.256
2.07	-.0042	-.0376	-.0713	-.1029	.266
2.08	-.0119	-.0409	-.0739	-.1047	.276
2.09	-.0119	-.0441	-.0765	-.1065	.286
2.10	-.0157	-.0473	-.0790	-.1082	.295
2.11	-.0194	-.0504	-.0814	-.1099	.303
2.12	-.0230	-.0534	-.0837	-.1115	.311
2.13	-.0266	-.0564	-.0860	-.1130	.318
2.14	-.0301	-.0593	-.0882	-.1145	.325
2.15	-.0335	-.0621	-.0904	-.1159	.331
2.16	-.0368	-.0648	-.0925	-.1173	.337
2.17	-.0401	-.0675	-.0945	-.1186	.343
2.18	-.0434	-.0702	-.0965	-.1199	.347
2.19	-.0465	-.0727	-.0984	-.1211	.352
2.20	-.0496	-.0752	-.1003	-.1228	.356
2.21	-.0526	-.0777	-.1021	-.1233	.359
2.22	-.0556	-.0801	-.1038	-.1243	.363
2.23	-.0585	-.0824	-.1055	-.1253	.365
2.24	-.0613	-.0846	-.1071	-.1262	.367
2.25	-.0641	-.0868	-.1087	-.1271	.369

$W_2(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
1.50	- .0217	- .0405	- .0508	- .0516	- .0503
1.51	- .0255	- .0437	- .0533	- .0537	- .0521
1.52	- .0292	- .0468	- .0557	- .0558	- .0539
1.53	- .0328	- .0498	- .0580	- .0577	- .0557
1.54	- .0363	- .0527	- .0603	- .0597	- .0573
1.55	- .0398	- .0556	- .0625	- .0615	- .0590
1.56	- .0432	- .0584	- .0647	- .0633	- .0606
1.57	- .0465	- .0611	- .0668	- .0651	- .0621
1.58	- .0497	- .0638	- .0688	- .0668	- .0636
1.59	- .0529	- .0664	- .0708	- .0685	- .0651
1.60	- .0560	- .0689	- .0728	- .0701	- .0665
1.61	- .0590	- .0714	- .0746	- .0717	- .0679
1.62	- .0620	- .0738	- .0765	- .0732	- .0692
1.63	- .0649	- .0761	- .0782	- .0747	- .0705
1.64	- .0677	- .0784	- .0800	- .0761	- .0717
1.65	- .0705	- .0806	- .0816	- .0774	- .0729
1.66	- .0731	- .0828	- .0832	- .0788	- .0740
1.67	- .0758	- .0849	- .0848	- .0801	- .0751
1.68	- .0783	- .0869	- .0863	- .0813	- .0762
1.69	- .0808	- .0889	- .0877	- .0825	- .0772
1.70	- .0832	- .0908	- .0891	- .0836	- .0783
1.71	- .0856	- .0927	- .0905	- .0847	- .0791
1.72	- .0879	- .0944	- .0918	- .0858	- .0801
1.73	- .0901	- .0962	- .0930	- .0868	- .0809
1.74	- .0922	- .0979	- .0942	- .0877	- .0817
1.75	- .0943	- .0995	- .0954	- .0887	- .0825
1.76	- .0963	- .1010	- .0965	- .0895	- .0833
1.77	- .0983	- .1025	- .0976	- .0904	- .0840
1.78	- .1002	- .1040	- .0986	- .0912	- .0846
1.79	- .1021	- .1054	- .0995	- .0919	- .0853
1.80	- .1038	- .1067	- .1005	- .0926	- .0859
1.81	- .1056	- .1080	- .1013	- .0933	- .0864
1.82	- .1072	- .1092	- .1021	- .0940	- .0870
1.83	- .1088	- .1104	- .1029	- .0946	- .0875
1.84	- .1104	- .1115	- .1037	- .0951	- .0879
1.85	- .1118	- .1126	- .1044	- .0956	- .0883
1.86	- .1133	- .1136	- .1050	- .0961	- .0887
1.87	- .1146	- .1146	- .1056	- .0966	- .0891
1.88	- .1159	- .1155	- .1052	- .0970	- .0894
1.89	- .1172	- .1164	- .1067	- .0974	- .0897
1.90	- .1184	- .1172	- .1072	- .0977	- .0900
1.91	- .1195	- .1180	- .1077	- .0980	- .0902
1.92	- .1206	- .1187	- .1081	- .0983	- .0904
1.93	- .1217	- .1194	- .1084	- .0985	- .0905
1.94	- .1226	- .1200	- .1088	- .0987	- .0907
1.95	- .1236	- .1206	- .1091	- .0989	- .0908
1.96	- .1245	- .1211	- .1093	- .0990	- .0909
1.97	- .1253	- .1216	- .1095	- .0991	- .0909
1.98	- .1261	- .1221	- .1097	- .0992	- .0910
1.99	- .1268	- .1225	- .1099	- .0993	- .0909
2.00	- .1275	- .1229	- .1100	- .0993	- .0909
2.01	- .1281	- .1232	- .1101	- .0993	- .0909
2.02	- .1287	- .1235	- .1101	- .0992	- .0908
2.03	- .1292	- .1237	- .1101	- .0992	- .0907
2.04	- .1297	- .1239	- .1101	- .0991	- .0905
2.05	- .1302	- .1241	- .1101	- .0989	- .0904
2.06	- .1306	- .1242	- .1100	- .0988	- .0902
2.07	- .1309	- .1243	- .1099	- .0986	- .0900
2.08	- .1312	- .1243	- .1097	- .0984	- .0898
2.09	- .1315	- .1244	- .1095	- .0982	- .0895
2.10	- .1317	- .1243	- .1093	- .0979	- .0892
2.11	- .1319	- .1243	- .1091	- .0976	- .0890
2.12	- .1321	- .1242	- .1088	- .0973	- .0886
2.13	- .1322	- .1240	- .1086	- .0970	- .0883
2.14	- .1322	- .1239	- .1082	- .0966	- .0879
2.15	- .1323	- .1237	- .1079	- .0963	- .0876
2.16	- .1322	- .1235	- .1075	- .0959	- .0872
2.17	- .1322	- .1232	- .1072	- .0955	- .0868
2.18	- .1321	- .1229	- .1067	- .0950	- .0863
2.19	- .1320	- .1226	- .1063	- .0946	- .0859
2.20	- .1318	- .1222	- .1058	- .0941	- .0854
2.21	- .1316	- .1219	- .1054	- .0936	- .0849
2.22	- .1314	- .1214	- .1048	- .0931	- .0844
2.23	- .1311	- .1210	- .1043	- .0925	- .0839
2.24	- .1308	- .1205	- .1038	- .0920	- .0834
2.25	- .1305	- .1200	- .1032	- .0914	- .0828

$W_2(x, r)$

$x \cdot r$	1	1.1	1.25	1.5	2.0
2.25	- .0641	- .0868	- 1087	- 1271	- 1369
2.26	- .0668	- .0889	- 1102	- 1280	- 1371
2.27	- .0694	- .0910	- 1116	- 1287	- 1372
2.28	- .0720	- .0930	- 1130	- 1295	- 1372
2.29	- .0745	- .0950	- 1143	- 1301	- 1372
2.30	- .0769	- .0969	- 1156	- 1308	- 1372
2.31	- .0793	- .0987	- 1169	- 1314	- 1371
2.32	- .0816	- 1005	- 1180	- 1319	- 1370
2.33	- .0839	- 1028	- 1192	- 1324	- 1369
2.34	- .0860	- 1038	- 1202	- 1329	- 1367
2.35	- .0882	- 1054	- 1212	- 1333	- 1365
2.36	- .0902	- 1070	- 1222	- 1336	- 1363
2.37	- .0923	- 1084	- 1231	- 1339	- 1360
2.38	- .0942	- 1099	- 1240	- 1342	- 1357
2.39	- .0961	- 1113	- 1248	- 1344	- 1353
2.40	- .0979	- 1126	- 1256	- 1346	- 1350
2.41	- .0997	- 1138	- 1263	- 1348	- 1345
2.42	- .1014	- 1151	- 1270	- 1349	- 1341
2.43	- .1031	- 1162	- 1276	- 1349	- 1336
2.44	- .1047	- 1173	- 1282	- 1350	- 1331
2.45	- 1.062	- 1184	- 1287	- 1350	- 1326
2.46	- 1.077	- 1194	- 1292	- 1349	- 1320
2.47	- 1.091	- 1203	- 1296	- 1348	- 1315
2.48	- 1.105	- 1212	- 1300	- 1347	- 1308
2.49	- 1.116	- 1221	- 1304	- 1346	- 1302
2.50	- 1.131	- 1229	- 1307	- 1344	- 1295
2.51	- 1.143	- 1237	- 1310	- 1341	- 1288
2.52	- 1.155	- 1244	- 1312	- 1339	- 1281
2.53	- 1.166	- 1250	- 1314	- 1336	- 1274
2.54	- 1.177	- 1257	- 1316	- 1333	- 1266
2.55	- 1.187	- 1262	- 1317	- 1329	- 1258
2.56	- 1.196	- 1268	- 1318	- 1325	- 1250
2.57	- 1.205	- 1272	- 1318	- 1321	- 1242
2.58	- 1.214	- 1277	- 1318	- 1316	- 1233
2.59	- 1.222	- 1281	- 1317	- 1312	- 1225
2.60	- 1.230	- 1284	- 1317	- 1306	- 1216
2.61	- 1.237	- 1288	- 1316	- 1301	- 1206
2.62	- 1.244	- 1290	- 1314	- 1295	- 1197
2.63	- 1.250	- 1293	- 1312	- 1290	- 1188
2.64	- 1.256	- 1294	- 1310	- 1283	- 1178
2.65	- 1.261	- 1296	- 1308	- 1277	- 1168
2.66	- 1.266	- 1297	- 1305	- 1270	- 1158
2.67	- 1.270	- 1298	- 1303	- 1263	- 1148
2.68	- 1.274	- 1298	- 1298	- 1256	- 1138
2.69	- 1.276	- 1298	- 1295	- 1249	- 1127
2.70	- 1.281	- 1298	- 1291	- 1241	- 1116
2.71	- 1.284	- 1297	- 1286	- 1233	- 1106
2.72	- 1.286	- 1296	- 1282	- 1225	- 1095
2.73	- 1.288	- 1295	- 1277	- 1217	- 1084
2.74	- 1.290	- 1293	- 1271	- 1208	- 1073
2.75	- 1.291	- 1291	- 1266	- 1200	- 1061
2.76	- 1.292	- 1288	- 1260	- 1191	- 1050
2.77	- 1.292	- 1286	- 1254	- 1182	- 1039
2.78	- 1.292	- 1283	- 1248	- 1173	- 1027
2.79	- 1.292	- 1279	- 1243	- 1163	- 1015
2.80	- 1.291	- 1276	- 1235	- 1154	- 1004
2.81	- 1.290	- 1272	- 1228	- 1144	- 0992
2.82	- 1.289	- 1267	- 1221	- 1134	- 0980
2.83	- 1.287	- 1263	- 1214	- 1124	- 0968
2.84	- 1.285	- 1258	- 1206	- 1114	- 0956
2.85	- 1.283	- 1253	- 1198	- 103	- 0943
2.86	- 1.280	- 1248	- 1190	- 093	- 0931
2.87	- 1.277	- 1242	- 1183	- 082	- 0919
2.88	- 1.274	- 1236	- 1173	- 072	- 0907
2.89	- 1.270	- 1230	- 1165	- 061	- 0894
2.90	- 1.267	- 1224	- 1156	- 050	- 0882
2.91	- 1.262	- 1217	- 1147	- 039	- 0869
2.92	- 1.258	- 1210	- 1138	- 028	- 0857
2.93	- 1.253	- 1203	- 1129	- 016	- 0844
2.94	- 1.248	- 1196	- 1119	- 005	- 0838
2.95	- 1.243	- 1189	- 1110	- 993	- 0819
2.96	- 1.237	- 1181	- 1100	- 982	- 0807
2.97	- 1.232	- 1173	- 1090	- 970	- 0794
2.98	- 1.226	- 1165	- 1080	- 958	- 0781
2.99	- 1.219	- 1157	- 1070	- 947	- 0769
3.00	- 1.213	- 1148	- 1060	- 935	- 0756

x/r	3.0	4.0	6.0	8.0	10.0
2.25	- 1305	- 1200	- 1032	- .914	- .8828
2.26	- 1301	- 1195	- 1026	- .906	- .8823
2.27	- 1297	- 1190	- 1020	- .902	- .8817
2.28	- 1293	- 1184	- 1014	- .896	- .8811
2.29	- 1289	- 1178	- 1007	- .890	- .8805
2.30	- 1284	- 1172	- 1000	- .883	- .8799
2.31	- 1279	- 1166	- 993	- .877	- .8792
2.32	- 1273	- 1159	- .986	- .870	- .8786
2.33	- 1268	- 1152	- .979	- .863	- .8779
2.34	- 1262	- 1145	- .972	- .856	- .8772
2.35	- 1255	- 1138	- .964	- .849	- .8766
2.36	- 1249	- 1130	- .957	- .841	- .8759
2.37	- 1242	- 1122	- .949	- .834	- .8752
2.38	- 1235	- 1115	- .941	- .826	- .8745
2.39	- 1228	- 1107	- .933	- .818	- .8737
2.40	- 1221	- 1098	- .924	- .811	- .8730
2.41	- 1213	- 1090	- .916	- .803	- .8723
2.42	- 1205	- 1081	- .908	- .795	- .8715
2.43	- 1197	- 1072	- .899	- .787	- .8708
2.44	- 1189	- 1063	- .890	- .778	- .8700
2.45	- 1180	- 1054	- .881	- .770	- .8692
2.46	- 1172	- 1045	- .872	- .762	- .8684
2.47	- 1163	- 1036	- .863	- .753	- .8676
2.48	- 1154	- 1026	- .854	- .745	- .8668
2.49	- 1145	- 1016	- .845	- .736	- .8660
2.50	- 1135	- 1007	- .835	- .728	- .8652
2.51	- 1126	- .997	- .826	- .719	- .8644
2.52	- 1116	- .987	- .816	- .710	- .8636
2.53	- 1106	- .977	- .807	- .701	- .8628
2.54	- 1096	- .966	- .797	- .692	- .8620
2.55	- 1086	- .956	- .787	- .683	- .8611
2.56	- 1076	- .945	- .776	- .674	- .8603
2.57	- 1065	- .935	- .768	- .665	- .8594
2.58	- 1055	- .924	- .758	- .656	- .8586
2.59	- 1044	- .913	- .748	- .647	- .8578
2.60	- 1033	- .903	- .738	- .638	- .8569
2.61	- 1022	- .892	- .728	- .628	- .8561
2.62	- 1011	- .881	- .718	- .619	- .8552
2.63	- 1000	- .870	- .707	- .610	- .8543
2.64	- 989	- .858	- .697	- .601	- .8535
2.65	- .977	- .847	- .687	- .591	- .8526
2.66	- .966	- .836	- .677	- .582	- .8518
2.67	- .954	- .825	- .667	- .573	- .8509
2.68	- .943	- .813	- .656	- .563	- .8500
2.69	- .931	- .802	- .646	- .554	- .8492
2.70	- .919	- .790	- .636	- .544	- .8483
2.71	- .908	- .779	- .625	- .535	- .8475
2.72	- .896	- .767	- .615	- .526	- .8466
2.73	- .884	- .756	- .604	- .516	- .8457
2.74	- .872	- .744	- .594	- .507	- .8449
2.75	- .860	- .733	- .584	- .497	- .8440
2.76	- .848	- .721	- .573	- .488	- .8432
2.77	- .836	- .710	- .563	- .479	- .8423
2.78	- .825	- .698	- .553	- .469	- .8415
2.79	- .811	- .686	- .542	- .460	- .8406
2.80	- .799	- .675	- .532	- .451	- .8398
2.81	- .787	- .663	- .522	- .442	- .8389
2.82	- .774	- .651	- .511	- .433	- .8381
2.83	- .762	- .640	- .501	- .423	- .8372
2.84	- .750	- .628	- .491	- .414	- .8364
2.85	- .758	- .617	- .481	- .405	- .8355
2.86	- .725	- .605	- .470	- .396	- .8347
2.87	- .713	- .593	- .460	- .387	- .8339
2.88	- .701	- .582	- .450	- .377	- .8331
2.89	- .688	- .570	- .440	- .368	- .8322
2.90	- .676	- .559	- .430	- .359	- .8314
2.91	- .664	- .547	- .420	- .351	- .8306
2.92	- .651	- .536	- .410	- .342	- .8298
2.93	- .639	- .524	- .400	- .333	- .8290
2.94	- .627	- .513	- .390	- .324	- .8282
2.95	- .615	- .502	- .380	- .315	- .8274
2.96	- .603	- .490	- .371	- .307	- .8266
2.97	- .590	- .479	- .361	- .298	- .8258
2.98	- .578	- .468	- .351	- .289	- .8250
2.99	- .566	- .457	- .342	- .281	- .8243
3.00	- .554	- .446	- .332	- .272	- .8235

$W_2(x, r)$

X	T	1	1.1	1.25	1.5	2.0
3.00	- 1813	- 1148	- 1060	- .9935	- .9756	
3.01	- 1806	- 1140	- 1049	- .9925	- .9745	
3.02	- 1199	- 1131	- 1039	- .9911	- .9731	
3.03	- 1198	- 1128	- 1028	- .9899	- .9718	
3.04	- 1185	- 1113	- 1017	- .9887	- .9705	
3.05	- 1177	- 1104	- 1006	- .9875	- .9693	
3.06	- 1169	- 1094	- 995	- .9862	- .9680	
3.07	- 1161	- 1085	- 984	- .9850	- .9667	
3.08	- 1153	- 1075	- 973	- .9838	- .9655	
3.09	- 1145	- 1065	- 962	- .9826	- .9642	
3.10	- 1136	- 1055	- 950	- .9813	- .9630	
3.11	- 1127	- 1045	- 939	- .9801	- .9617	
3.12	- 1119	- 1035	- 928	- .9789	- .9605	
3.13	- 1110	- 1024	- 916	- .9776	- .9592	
3.14	- 1100	- 1014	- 904	- .9764	- .9580	
3.15	- 1091	- 1003	- 893	- .9751	- .9567	
3.16	- 1081	- 992	- 881	- .9739	- .9555	
3.17	- 1072	- 982	- 869	- .9727	- .9543	
3.18	- 1062	- 971	- 857	- .9714	- .9531	
3.19	- 1052	- 960	- 846	- .9702	- .9518	
3.20	- 1042	- 949	- 834	- .9689	- .9506	
3.21	- 1032	- 938	- 822	- .9677	- .9494	
3.22	- 1021	- 926	- 810	- .9665	- .9482	
3.23	- 1011	- 915	- 798	- .9652	- .9470	
3.24	- 1001	- 904	- 786	- .9640	- .9458	
3.25	- .9990	- .892	- .774	- .628	- .447	
3.26	- .9979	- .881	- .762	- .616	- .435	
3.27	- .9968	- .869	- .750	- .603	- .423	
3.28	- .9957	- .858	- .737	- .591	- .412	
3.29	- .9946	- .846	- .725	- .579	- .400	
3.30	- .9935	- .834	- .713	- .567	- .389	
3.31	- .9884	- .823	- .701	- .555	- .377	
3.32	- .9913	- .811	- .689	- .543	- .366	
3.33	- .9902	- .799	- .677	- .531	- .355	
3.34	- .8990	- .787	- .665	- .519	- .344	
3.35	- .8779	- .775	- .653	- .507	- .333	
3.36	- .8667	- .764	- .641	- .495	- .322	
3.37	- .8556	- .752	- .629	- .483	- .311	
3.38	- .8444	- .740	- .617	- .472	- .300	
3.39	- .8333	- .728	- .605	- .460	- .290	
3.40	- .8221	- .716	- .593	- .448	- .279	
3.41	- .8099	- .704	- .581	- .437	- .268	
3.42	- .798	- .692	- .569	- .425	- .258	
3.43	- .786	- .680	- .557	- .414	- .248	
3.44	- .774	- .668	- .546	- .403	- .238	
3.45	- .762	- .657	- .534	- .391	- .228	
3.46	- .751	- .645	- .522	- .380	- .218	
3.47	- .739	- .633	- .511	- .368	- .208	
3.48	- .727	- .621	- .499	- .358	- .198	
3.49	- .715	- .609	- .487	- .347	- .188	
3.50	- .703	- .597	- .476	- .336	- .179	
3.51	- .691	- .586	- .464	- .326	- .169	
3.52	- .680	- .574	- .453	- .315	- .160	
3.53	- .668	- .562	- .442	- .304	- .151	
3.54	- .656	- .551	- .431	- .294	- .141	
3.55	- .644	- .539	- .419	- .283	- .132	
3.56	- .632	- .527	- .408	- .273	- .123	
3.57	- .620	- .516	- .397	- .263	- .115	
3.58	- .609	- .504	- .386	- .253	- .106	
3.59	- .597	- .493	- .375	- .243	- .097	
3.60	- .585	- .482	- .364	- .233	- .089	
3.61	- .574	- .470	- .354	- .223	- .081	
3.62	- .562	- .459	- .343	- .213	- .072	
3.63	- .550	- .448	- .332	- .204	- .064	
3.64	- .539	- .437	- .322	- .194	- .056	
3.65	- .527	- .426	- .311	- .185	- .048	
3.66	- .516	- .415	- .301	- .175	- .040	
3.67	- .504	- .404	- .291	- .166	- .033	
3.68	- .493	- .393	- .281	- .157	- .025	
3.69	- .482	- .382	- .271	- .148	- .018	
3.70	- .470	- .371	- .261	- .139	- .010	
3.71	- .459	- .361	- .251	- .130	- .003	
3.72	- .448	- .350	- .241	- .121	- .004	
3.73	- .437	- .339	- .231	- .113	- .011	
3.74	- .426	- .329	- .222	- .104	- .018	
3.75	- .415	- .319	- .212	- .096	.025	

$W_2(x, r)$

X \ r	3.0	4.0	6.0	8.0	10.0
3.00	- .0554	- .0446	- .0332	- .0272	- .0235
3.01	- .0542	- .0435	- .0322	- .0264	- .0227
3.02	- .0530	- .0424	- .0313	- .0256	- .0220
3.03	- .0518	- .0413	- .0304	- .0247	- .0212
3.04	- .0506	- .0402	- .0294	- .0239	- .0205
3.05	- .0495	- .0391	- .0285	- .0231	- .0197
3.06	- .0483	- .0380	- .0276	- .0223	- .0190
3.07	- .0471	- .0370	- .0267	- .0215	- .0183
3.08	- .0460	- .0359	- .0258	- .0207	- .0176
3.09	- .0448	- .0349	- .0249	- .0199	- .0168
3.10	- .0436	- .0338	- .0240	- .0191	- .0161
3.11	- .0425	- .0328	- .0231	- .0183	- .0154
3.12	- .0414	- .0317	- .0222	- .0176	- .0147
3.13	- .0402	- .0307	- .0214	- .0168	- .0141
3.14	- .0391	- .0297	- .0205	- .0160	- .0134
3.15	- .0380	- .0287	- .0197	- .0153	- .0127
3.16	- .0369	- .0277	- .0188	- .0146	- .0120
3.17	- .0358	- .0267	- .0180	- .0138	- .0114
3.18	- .0347	- .0257	- .0172	- .0131	- .0107
3.19	- .0336	- .0248	- .0164	- .0124	- .0101
3.20	- .0325	- .0238	- .0155	- .0117	- .0094
3.21	- .0314	- .0228	- .0147	- .0110	- .0088
3.22	- .0304	- .0219	- .0140	- .0103	- .0082
3.23	- .0293	- .0210	- .0132	- .0096	- .0076
3.24	- .0283	- .0200	- .0124	- .0089	- .0070
3.25	- .0272	- .0191	- .0116	- .0083	- .0064
3.26	- .0262	- .0182	- .0109	- .0076	- .0058
3.27	- .0252	- .0173	- .0101	- .0069	- .0052
3.28	- .0242	- .0164	- .0094	- .0063	- .0046
3.29	- .0232	- .0155	- .0087	- .0057	- .0041
3.30	- .0222	- .0147	- .0079	- .0050	- .0035
3.31	- .0212	- .0138	- .0072	- .0044	- .0029
3.32	- .0203	- .0129	- .0065	- .0038	- .0024
3.33	- .0193	- .0121	- .0058	- .0032	- .0019
3.34	- .0184	- .0113	- .0052	- .0026	- .0013
3.35	- .0174	- .0105	- .0045	- .0020	- .0008
3.36	- .0165	- .0096	- .0038	- .0015	- .0003
3.37	- .0156	- .0088	- .0032	- .0009	.0002
3.38	- .0147	- .0081	- .0025	- .0003	.0007
3.39	- .0138	- .0073	- .0019	.0002	.0012
3.40	- .0129	- .0065	- .0013	.0007	.0017
3.41	- .0120	- .0057	- .0006	.0013	.0021
3.42	- .0112	- .0050	.0000	.0018	.0026
3.43	- .0103	- .0043	.0006	.0023	.0031
3.44	- .0095	- .0035	.0011	.0028	.0035
3.45	- .0086	.0028	.0017	.0033	.0040
3.46	- .0078	.0021	.0023	.0038	.0044
3.47	- .0070	.0014	.0028	.0043	.0048
3.48	- .0062	.0007	.0034	.0047	.0052
3.49	- .0054	.0001	.0039	.0052	.0056
3.50	- .0046	.0006	.0045	.0057	.0060
3.51	- .0039	.0013	.0050	.0061	.0064
3.52	- .0031	.0019	.0055	.0065	.0058
3.53	- .0024	.0025	.0060	.0070	.0072
3.54	- .0016	.0032	.0065	.0074	.0076
3.55	- .0009	.0038	.0070	.0078	.0079
3.56	- .0002	.0044	.0075	.0082	.0083
3.57	.0005	.0049	.0079	.0086	.0086
3.58	.0012	.0055	.0084	.0090	.0090
3.59	.0018	.0061	.0088	.0094	.0093
3.60	.0025	.0066	.0092	.0097	.0096
3.61	.0032	.0072	.0097	.0101	.0100
3.62	.0038	.0077	.0101	.0104	.0103
3.63	.0044	.0083	.0105	.0108	.0106
3.64	.0051	.0088	.0109	.0111	.0109
3.65	.0057	.0093	.0113	.0114	.0111
3.66	.0063	.0098	.0117	.0118	.0114
3.67	.0068	.0102	.0120	.0121	.0117
3.68	.0074	.0107	.0124	.0124	.0120
3.69	.0080	.0112	.0128	.0127	.0122
3.70	.0085	.0116	.0131	.0130	.0125
3.71	.0091	.0121	.0134	.0132	.0127
3.72	.0096	.0125	.0138	.0135	.0129
3.73	.0101	.0129	.0141	.0138	.0132
3.74	.0106	.0133	.0144	.0140	.0134
3.75	.0111	.0137	.0147	.0143	.0136

$W_2(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
3.75	- .0415	- .0319	- .0212	- .0096	.0025
3.76	- .0404	- .0308	- .0203	- .0088	.0031
3.77	- .0393	- .0298	- .0193	- .0080	.0038
3.78	- .0382	- .0288	- .0184	- .0072	.0044
3.79	- .0372	- .0278	- .0175	- .0064	.0050
3.80	- .0361	- .0268	- .0166	- .0056	.0057
3.81	- .0350	- .0258	- .0157	- .0048	.0063
3.82	- .0340	- .0249	- .0148	- .0041	.0069
3.83	- .0330	- .0239	- .0140	- .0033	.0074
3.84	- .0319	- .0229	- .0131	- .0026	.0080
3.85	- .0309	- .0220	- .0122	- .0018	.0085
3.86	- .0299	- .0210	- .0114	- .0011	.0091
3.87	- .0289	- .0201	- .0106	- .0004	.0097
3.88	- .0279	- .0192	- .0098	- .0003	.0102
3.89	- .0269	- .0183	- .0089	- .0009	.0107
3.90	- .0259	- .0174	- .0081	- .0016	.0112
3.91	- .0249	- .0165	- .0074	- .0023	.0117
3.92	- .0240	- .0156	- .0066	- .0029	.0122
3.93	- .0230	- .0147	- .0058	- .0036	.0126
3.94	- .0221	- .0139	- .0051	- .0042	.0131
3.95	- .0211	- .0130	- .0043	- .0048	.0136
3.96	- .0202	- .0122	- .0036	- .0054	.0140
3.97	- .0193	- .0114	- .0029	- .0060	.0144
3.98	- .0184	- .0106	- .0022	- .0066	.0148
3.99	- .0175	- .0097	- .0015	- .0071	.0152
4.00	- .0166	- .0090	- .0008	- .0077	.0156
4.01	- .0157	- .0082	- .0001	- .0082	.0160
4.02	- .0149	- .0074	- .0006	- .0088	.0164
4.03	- .0140	- .0066	- .0018	- .0093	.0168
4.04	- .0132	- .0059	- .0019	- .0098	.0171
4.05	- .0123	- .0051	.0085	.0103	.0174
4.06	- .0115	- .0044	.0031	.0108	.0178
4.07	- .0107	- .0037	.0037	.0113	.0181
4.08	- .0099	- .0030	.0043	.0117	.0184
4.09	- .0091	- .0023	.0049	.0122	.0187
4.10	- .0083	- .0016	.0055	.0126	.0190
4.11	- .0075	- .0009	.0061	.0131	.0193
4.12	- .0068	- .0002	.0066	.0135	.0196
4.13	- .0060	.0004	.0072	.0139	.0198
4.14	- .0053	.0011	.0077	.0143	.0201
4.15	- .0045	.0017	.0082	.0147	.0203
4.16	- .0038	.0023	.0088	.0151	.0206
4.17	- .0031	.0030	.0093	.0155	.0208
4.18	- .0024	.0036	.0097	.0158	.0210
4.19	- .0017	.0042	.0102	.0162	.0212
4.20	- .0010	.0047	.0107	.0165	.0214
4.21	- .0004	.0053	.0112	.0159	.0216
4.22	- .0003	.0059	.0116	.0172	.0218
4.23	- .0009	.0064	.0121	.0175	.0219
4.24	- .0016	.0070	.0125	.0176	.0221
4.25	.0022	.0075	.0129	.0181	.0223
4.26	.0026	.0080	.0133	.0184	.0224
4.27	.0034	.0085	.0137	.0187	.0225
4.28	.0040	.0090	.0141	.0189	.0227
4.29	.0046	.0095	.0145	.0192	.0228
4.30	.0052	.0100	.0148	.0194	.0229
4.31	.0057	.0104	.0152	.0197	.0230
4.32	.0063	.0109	.0155	.0199	.0231
4.33	.0068	.0113	.0159	.0201	.0232
4.34	.0073	.0118	.0162	.0203	.0233
4.35	.0079	.0122	.0165	.0205	.0233
4.36	.0084	.0126	.0168	.0207	.0234
4.37	.0089	.0130	.0171	.0209	.0235
4.38	.0093	.0134	.0174	.0211	.0235
4.39	.0098	.0138	.0177	.0212	.0236
4.40	.0103	.0142	.0180	.0214	.0236
4.41	.0107	.0145	.0182	.0215	.0236
4.42	.0112	.0149	.0185	.0217	.0237
4.43	.0116	.0152	.0187	.0218	.0237
4.44	.0120	.0155	.0190	.0219	.0237
4.45	.0125	.0159	.0193	.0221	.0237
4.46	.0129	.0162	.0194	.0222	.0237
4.47	.0132	.0165	.0196	.0223	.0237
4.48	.0136	.0168	.0198	.0224	.0237
4.49	.0140	.0171	.0200	.0224	.0236
4.50	.0144	.0173	.0202	.0225	.0236

$W_2(x, r)$

X \ T	3.0	4.0	6.0	8.0	10.0
3.75	.0111	.0137	.0147	.0143	.0136
3.76	.0116	.0141	.0150	.0145	.0138
3.77	.0121	.0145	.0153	.0147	.0140
3.78	.0125	.0149	.0155	.0150	.0142
3.79	.0130	.0152	.0158	.0152	.0144
3.80	.0134	.0156	.0161	.0154	
3.81	.0139	.0159	.0163	.0156	.0146
3.82	.0143	.0163	.0165	.0158	.0147
3.83	.0147	.0166	.0168	.0160	.0149
3.84	.0151	.0169	.0170	.0162	.0151
3.85	.0155	.0176	.0172	.0163	.0154
3.86	.0159	.0175	.0174	.0165	
3.87	.0162	.0178	.0176	.0166	.0155
3.88	.0166	.0180	.0178	.0168	.0156
3.89	.0169	.0183	.0180	.0169	.0158
3.90	.0173	.0186	.0182	.0171	
3.91	.0176	.0188	.0184	.0172	.0160
3.92	.0179	.0191	.0185	.0173	.0161
3.93	.0182	.0193	.0187	.0175	.0162
3.94	.0185	.0195	.0188	.0176	.0163
3.95	.0188	.0197	.0190	.0177	
3.96	.0191	.0199	.0191	.0178	.0165
3.97	.0194	.0201	.0192	.0179	.0166
3.98	.0196	.0203	.0193	.0180	.0167
3.99	.0199	.0205	.0194	.0180	.0168
4.00	.0201	.0206	.0195	.0181	
4.01	.0203	.0208	.0196	.0182	.0169
4.02	.0206	.0210	.0197	.0183	.0169
4.03	.0208	.0211	.0198	.0183	.0170
4.04	.0210	.0212	.0199	.0184	.0170
4.05	.0212	.0214	.0200	.0184	
4.06	.0214	.0215	.0200	.0185	.0171
4.07	.0215	.0216	.0201	.0185	.0171
4.08	.0217	.0217	.0202	.0185	.0171
4.09	.0219	.0218	.0202	.0185	.0172
4.10	.0220	.0219	.0202	.0186	
4.11	.0222	.0220	.0203	.0186	.0172
4.12	.0223	.0221	.0203	.0186	.0172
4.13	.0224	.0221	.0203	.0186	.0172
4.14	.0226	.0222	.0203	.0186	.0172
4.15	.0227	.0223	.0204	.0186	
4.16	.0228	.0223	.0204	.0186	.0171
4.17	.0229	.0224	.0204	.0186	.0171
4.18	.0230	.0224	.0204	.0185	.0171
4.19	.0230	.0224	.0203	.0185	.0170
4.20	.0231	.0224	.0203	.0185	
4.21	.0232	.0225	.0203	.0185	.0170
4.22	.0232	.0225	.0203	.0185	.0170
4.23	.0233	.0225	.0203	.0184	.0169
4.24	.0233	.0225	.0202	.0184	.0169
4.25	.0234	.0225	.0202	.0183	
4.26	.0234	.0225	.0201	.0182	.0168
4.27	.0234	.0224	.0201	.0182	.0167
4.28	.0234	.0224	.0200	.0182	.0167
4.29	.0235	.0224	.0200	.0181	.0166
4.30	.0235	.0224	.0203	.0183	
4.31	.0235	.0223	.0199	.0180	.0165
4.32	.0235	.0223	.0198	.0179	.0164
4.33	.0234	.0222	.0198	.0178	.0163
4.34	.0234	.0222	.0197	.0177	.0162
4.35	.0234	.0221	.0195	.0176	
4.36	.0234	.0220	.0195	.0175	.0161
4.37	.0233	.0220	.0194	.0174	.0160
4.38	.0233	.0219	.0193	.0173	.0159
4.39	.0232	.0218	.0192	.0172	.0158
4.40	.0232	.0217	.0191	.0171	.0157
4.41	.0231	.0216	.0190	.0170	.0156
4.42	.0231	.0215	.0189	.0169	.0155
4.43	.0230	.0214	.0188	.0168	.0154
4.44	.0229	.0213	.0186	.0167	.0153
4.45	.0228	.0212	.0185	.0166	
4.46	.0228	.0211	.0184	.0164	.0151
4.47	.0227	.0210	.0183	.0163	.0150
4.48	.0226	.0209	.0182	.0162	.0149
4.49	.0225	.0208	.0180	.0161	.0148
4.50	.0224	.0207	.0179	.0160	.0146

$W_2(x, r)$

X	T	1	1.1	1.25	1.5	2.0
4.50		.0144	.0173	.0202	.0225	.0236
4.51		.0147	.0176	.0204	.0226	.0236
4.52		.0151	.0179	.0205	.0227	.0235
4.53		.0154	.0181	.0207	.0227	.0235
4.54		.0157	.0184	.0208	.0228	.0234
4.55		.0160	.0186	.0210	.0228	.0234
4.56		.0163	.0188	.0211	.0228	.0233
4.57		.0166	.0190	.0212	.0229	.0233
4.58		.0169	.0192	.0213	.0229	.0232
4.59		.0172	.0194	.0215	.0229	.0231
4.60		.0175	.0196	.0216	.0229	.0230
4.61		.0177	.0198	.0216	.0229	.0229
4.62		.0180	.0200	.0217	.0229	.0229
4.63		.0182	.0201	.0218	.0229	.0228
4.64		.0185	.0203	.0219	.0229	.0227
4.65		.0187	.0204	.0220	.0229	.0226
4.66		.0189	.0206	.0220	.0228	.0224
4.67		.0191	.0207	.0221	.0228	.0223
4.68		.0193	.0208	.0221	.0228	.0223
4.69		.0195	.0210	.0221	.0227	.0221
4.70		.0197	.0211	.0222	.0227	.0220
4.71		.0198	.0212	.0222	.0226	.0218
4.72		.0200	.0213	.0222	.0226	.0217
4.73		.0202	.0213	.0222	.0225	.0216
4.74		.0203	.0214	.0222	.0224	.0214
4.75		.0205	.0215	.0222	.0224	.0213
4.76		.0206	.0216	.0222	.0223	.0211
4.77		.0207	.0216	.0222	.0223	.0210
4.78		.0208	.0217	.0222	.0225	.0208
4.79		.0209	.0217	.0222	.0230	.0207
4.80		.0210	.0218	.0221	.0219	.0205
4.81		.0211	.0218	.0221	.0218	.0204
4.82		.0212	.0218	.0221	.0217	.0202
4.83		.0213	.0218	.0220	.0216	.0200
4.84		.0214	.0218	.0220	.0215	.0199
4.85		.0214	.0219	.0219	.0214	.0197
4.86		.0215	.0219	.0219	.0213	.0195
4.87		.0216	.0219	.0218	.0211	.0193
4.88		.0216	.0218	.0217	.0210	.0192
4.89		.0216	.0218	.0217	.0209	.0190
4.90		.0217	.0218	.0216	.0207	.0188
4.91		.0217	.0218	.0215	.0206	.0186
4.92		.0217	.0217	.0214	.0204	.0184
4.93		.0217	.0217	.0213	.0203	.0182
4.94		.0217	.0217	.0212	.0202	.0180
4.95		.0217	.0216	.0211	.0200	.0178
4.96		.0217	.0216	.0210	.0198	.0176
4.97		.0217	.0215	.0209	.0197	.0175
4.98		.0217	.0214	.0208	.0195	.0173
4.99		.0217	.0214	.0207	.0194	.0171
5.00		.0217	.0213	.0205	.0192	.0169
5.01		.0216	.0213	.0204	.0190	.0167
5.02		.0216	.0211	.0203	.0189	.0165
5.03		.0216	.0210	.0202	.0187	.0162
5.04		.0215	.0210	.0200	.0185	.0160
5.05		.0215	.0209	.0199	.0183	.0158
5.06		.0214	.0208	.0198	.0182	.0156
5.07		.0213	.0207	.0196	.0180	.0154
5.08		.0213	.0206	.0195	.0178	.0153
5.09		.0212	.0204	.0193	.0176	.0150
5.10		.0211	.0203	.0192	.0174	.0148
5.11		.0210	.0202	.0190	.0172	.0146
5.12		.0210	.0201	.0189	.0171	.0144
5.13		.0209	.0200	.0187	.0169	.0142
5.14		.0208	.0198	.0185	.0167	.0140
5.15		.0207	.0197	.0184	.0165	.0137
5.16		.0206	.0196	.0182	.0163	.0135
5.17		.0205	.0194	.0180	.0161	.0133
5.18		.0204	.0193	.0179	.0159	.0131
5.19		.0203	.0192	.0177	.0157	.0129
5.20		.0201	.0190	.0175	.0155	.0127
5.21		.0200	.0189	.0173	.0153	.0125
5.22		.0199	.0187	.0172	.0151	.0123
5.23		.0198	.0186	.0170	.0149	.0121
5.24		.0196	.0184	.0168	.0147	.0118
5.25		.0195	.0182	.0166	.0145	.0116

$W_2(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	.0224	.0207	.0179	.0160	.0145
4.51	.0223	.0205	.0178	.0158	.0144
4.52	.0222	.0204	.0176	.0157	.0143
4.53	.0220	.0203	.0175	.0156	.0141
4.54	.0219	.0201	.0174	.0154	.0140
4.55	.0218	.0200	.0172	.0153	.0139
4.56	.0217	.0199	.0171	.0152	.0138
4.57	.0215	.0197	.0169	.0150	.0136
4.58	.0214	.0196	.0168	.0149	.0135
4.59	.0213	.0194	.0166	.0147	.0134
4.60	.0211	.0193	.0165	.0146	.0132
4.61	.0210	.0191	.0163	.0144	.0131
4.62	.0208	.0189	.0162	.0143	.0130
4.63	.0207	.0188	.0160	.0142	.0128
4.64	.0205	.0186	.0158	.0140	.0127
4.65	.0204	.0184	.0157	.0139	.0125
4.66	.0202	.0183	.0155	.0137	.0124
4.67	.0201	.0181	.0154	.0135	.0123
4.68	.0199	.0179	.0152	.0134	.0121
4.69	.0197	.0178	.0150	.0132	.0120
4.70	.0196	.0176	.0149	.0131	.0118
4.71	.0194	.0174	.0147	.0129	.0117
4.72	.0192	.0172	.0145	.0128	.0115
4.73	.0190	.0170	.0144	.0126	.0114
4.74	.0189	.0169	.0142	.0125	.0112
4.75	.0187	.0167	.0140	.0123	.0111
4.76	.0185	.0165	.0138	.0121	.0109
4.77	.0183	.0163	.0137	.0120	.0108
4.78	.0181	.0161	.0135	.0118	.0106
4.79	.0179	.0159	.0133	.0117	.0105
4.80	.0178	.0157	.0131	.0115	.0103
4.81	.0176	.0156	.0130	.0113	.0102
4.82	.0174	.0154	.0128	.0112	.0100
4.83	.0172	.0152	.0126	.0110	.0099
4.84	.0170	.0150	.0124	.0108	.0097
4.85	.0168	.0148	.0122	.0107	.0096
4.86	.0166	.0146	.0121	.0105	.0094
4.87	.0164	.0144	.0119	.0104	.0093
4.88	.0162	.0142	.0117	.0102	.0091
4.89	.0160	.0140	.0115	.0100	.0090
4.90	.0158	.0138	.0114	.0099	.0088
4.91	.0156	.0136	.0112	.0097	.0087
4.92	.0154	.0134	.0110	.0095	.0085
4.93	.0152	.0132	.0108	.0094	.0084
4.94	.0150	.0130	.0106	.0092	.0082
4.95	.0148	.0128	.0105	.0091	.0081
4.96	.0146	.0126	.0103	.0089	.0079
4.97	.0144	.0124	.0101	.0087	.0078
4.98	.0141	.0122	.0099	.0086	.0077
4.99	.0139	.0120	.0097	.0084	.0075
5.00	.0137	.0118	.0096	.0082	.0074
5.01	.0135	.0116	.0094	.0081	.0072
5.02	.0133	.0114	.0092	.0079	.0071
5.03	.0131	.0112	.0090	.0078	.0069
5.04	.0129	.0110	.0089	.0076	.0068
5.05	.0127	.0108	.0087	.0075	.0066
5.06	.0125	.0106	.0085	.0073	.0065
5.07	.0123	.0104	.0083	.0071	.0063
5.08	.0121	.0102	.0082	.0070	.0062
5.09	.0119	.0100	.0080	.0068	.0061
5.10	.0116	.0098	.0078	.0067	.0059
5.11	.0114	.0097	.0077	.0065	.0058
5.12	.0112	.0095	.0075	.0064	.0056
5.13	.0110	.0093	.0073	.0062	.0055
5.14	.0108	.0091	.0071	.0061	.0054
5.15	.0106	.0089	.0070	.0059	.0052
5.16	.0104	.0087	.0068	.0058	.0051
5.17	.0102	.0085	.0067	.0056	.0050
5.18	.0100	.0083	.0065	.0055	.0048
5.19	.0098	.0081	.0063	.0053	.0047
5.20	.0096	.0079	.0062	.0052	.0046
5.21	.0094	.0078	.0060	.0051	.0044
5.22	.0092	.0076	.0058	.0049	.0043
5.23	.0090	.0074	.0057	.0048	.0042
5.24	.0088	.0072	.0055	.0046	.0041
5.25	.0086	.0070	.0054	.0045	.0039

$W_2(x,r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
5.25	.0195	.0182	.0166	.0145	.0116
5.26	.0194	.0181	.0164	.0143	.0114
5.27	.0192	.0179	.0162	.0141	.0112
5.28	.0191	.0178	.0161	.0139	.0110
5.29	.0189	.0176	.0159	.0137	.0108
5.30	.0188	.0174	.0157	.0135	.0106
5.31	.0186	.0172	.0155	.0133	.0104
5.32	.0185	.0171	.0153	.0131	.0102
5.33	.0183	.0169	.0151	.0129	.0100
5.34	.0182	.0167	.0149	.0127	.0098
5.35	.0180	.0165	.0147	.0124	.0096
5.36	.0179	.0164	.0145	.0122	.0094
5.37	.0177	.0162	.0143	.0120	.0092
5.38	.0175	.0160	.0141	.0118	.0090
5.39	.0174	.0158	.0139	.0116	.0088
5.40	.0172	.0156	.0137	.0114	.0086
5.41	.0170	.0154	.0135	.0112	.0084
5.42	.0168	.0153	.0133	.0110	.0082
5.43	.0167	.0151	.0131	.0108	.0080
5.44	.0165	.0149	.0129	.0106	.0078
5.45	.0163	.0147	.0127	.0104	.0076
5.46	.0161	.0145	.0125	.0102	.0074
5.47	.0160	.0143	.0123	.0100	.0072
5.48	.0158	.0141	.0121	.0098	.0070
5.49	.0156	.0139	.0119	.0096	.0068
5.50	.0154	.0137	.0117	.0094	.0066
5.51	.0152	.0135	.0116	.0092	.0064
5.52	.0150	.0133	.0114	.0090	.0062
5.53	.0148	.0131	.0112	.0088	.0061
5.54	.0147	.0129	.0110	.0086	.0059
5.55	.0145	.0128	.0108	.0084	.0057
5.56	.0143	.0126	.0106	.0082	.0055
5.57	.0141	.0124	.0104	.0080	.0053
5.58	.0139	.0122	.0102	.0078	.0052
5.59	.0137	.0120	.0100	.0076	.0050
5.60	.0135	.0118	.0098	.0075	.0048
5.61	.0133	.0116	.0096	.0073	.0046
5.62	.0131	.0114	.0094	.0071	.0045
5.63	.0129	.0112	.0092	.0069	.0043
5.64	.0127	.0110	.0090	.0067	.0041
5.65	.0125	.0108	.0088	.0065	.0040
5.66	.0123	.0106	.0086	.0063	.0038
5.67	.0121	.0104	.0084	.0062	.0036
5.68	.0119	.0102	.0082	.0060	.0035
5.69	.0118	.0100	.0080	.0058	.0033
5.70	.0116	.0098	.0079	.0056	.0032
5.71	.0114	.0096	.0077	.0055	.0030
5.72	.0112	.0094	.0075	.0053	.0029
5.73	.0110	.0092	.0073	.0051	.0027
5.74	.0108	.0091	.0071	.0049	.0026
5.75	.0106	.0089	.0069	.0048	.0024
5.76	.0104	.0087	.0068	.0046	.0023
5.77	.0102	.0085	.0066	.0044	.0021
5.78	.0100	.0083	.0064	.0043	.0020
5.79	.0098	.0081	.0062	.0041	.0018
5.80	.0096	.0079	.0060	.0039	.0017
5.81	.0094	.0077	.0059	.0038	.0016
5.82	.0092	.0076	.0057	.0036	.0014
5.83	.0090	.0074	.0055	.0035	.0013
5.84	.0089	.0072	.0053	.0033	.0012
5.85	.0087	.0070	.0052	.0032	.0010
5.86	.0085	.0068	.0050	.0030	.0009
5.87	.0083	.0067	.0048	.0029	.0008
5.88	.0081	.0065	.0047	.0027	.0007
5.89	.0079	.0063	.0045	.0026	.0005
5.90	.0077	.0061	.0044	.0024	.0004
5.91	.0076	.0060	.0042	.0023	.0003
5.92	.0074	.0058	.0040	.0021	.0002
5.93	.0073	.0056	.0039	.0020	.0001
5.94	.0070	.0054	.0037	.0019	.0000
5.95	.0068	.0053	.0036	.0017	- .0001
5.96	.0067	.0051	.0034	.0016	- .0003
5.97	.0065	.0049	.0033	.0015	- .0004
5.98	.0063	.0048	.0031	.0013	- .0005
5.99	.0061	.0046	.0030	.0012	- .0006
6.00	.0060	.0045	.0028	.0011	- .0007

$x \backslash r$		$W_2(x, r)$				
		3.0	4.0	6.0	8.0	10.0
5.25	.0086	.0070	.0054	.0045	.0039	
5.26	.0084	.0068	.0052	.0044	.0038	
5.27	.0082	.0067	.0051	.0042	.0037	
5.28	.0080	.0065	.0049	.0041	.0036	
5.29	.0078	.0063	.0048	.0040	.0034	
5.30	.0076	.0061	.0046	.0038	.0033	
5.31	.0074	.0060	.0045	.0037	.0032	
5.32	.0073	.0058	.0043	.0036	.0031	
5.33	.0071	.0056	.0042	.0034	.0030	
5.34	.0069	.0054	.0040	.0033	.0029	
5.35	.0067	.0053	.0039	.0032	.0027	
5.36	.0065	.0051	.0037	.0030	.0026	
5.37	.0063	.0049	.0036	.0029	.0025	
5.38	.0061	.0048	.0035	.0028	.0024	
5.39	.0060	.0046	.0033	.0027	.0023	
5.40	.0058	.0045	.0038	.0026	.0022	
5.41	.0056	.0043	.0031	.0024	.0021	
5.42	.0054	.0041	.0029	.0023	.0020	
5.43	.0053	.0040	.0028	.0022	.0019	
5.44	.0051	.0038	.0027	.0021	.0018	
5.45	.0049	.0037	.0025	.0020	.0017	
5.46	.0047	.0035	.0024	.0019	.0016	
5.47	.0046	.0034	.0023	.0018	.0015	
5.48	.0044	.0032	.0022	.0017	.0014	
5.49	.0042	.0031	.0020	.0015	.0013	
5.50	.0041	.0029	.0019	.0014	.0012	
5.51	.0039	.0028	.0018	.0013	.0011	
5.52	.0038	.0026	.0017	.0012	.0010	
5.53	.0036	.0025	.0016	.0011	.0009	
5.54	.0034	.0024	.0014	.0010	.0008	
5.55	.0033	.0022	.0013	.0009	.0007	
5.56	.0031	.0021	.0012	.0008	.0006	
5.57	.0030	.0020	.0011	.0007	.0006	
5.58	.0028	.0018	.0010	.0006	.0005	
5.59	.0027	.0017	.0009	.0006	.0004	
5.60	.0025	.0016	.0008	.0005	.0003	
5.61	.0024	.0015	.0007	.0004	.0002	
5.62	.0022	.0013	.0006	.0003	.0001	
5.63	.0021	.0012	.0005	.0002	.0001	
5.64	.0020	.0011	.0004	.0001	.0000	
5.65	.0018	.0010	.0003	.0000	.0001	
5.66	.0017	.0008	.0002	.0001	.0002	
5.67	.0016	.0007	.0001	.0001	.0002	
5.68	.0014	.0006	.0000	.0002	.0003	
5.69	.0013	.0005	.0001	.0003	.0004	
5.70	.0012	.0004	.0002	.0004	.0004	
5.71	.0010	.0003	.0002	.0004	.0005	
5.72	.0009	.0002	.0004	.0005	.0006	
5.73	.0008	.0001	.0004	.0006	.0006	
5.74	.0007	.0000	.0005	.0007	.0007	
5.75	.0006	- .0001	.0006	.0007	.0008	
5.76	.0004	- .0002	.0007	.0008	.0009	
5.77	.0003	- .0003	.0008	.0009	.0009	
5.78	.0002	- .0004	.0008	.0009	.0009	
5.79	.0001	- .0005	.0009	.0010	.0010	
5.80	.0000	- .0006	.0010	.0011	.0011	
5.81	- .0001	- .0007	.0011	.0011	.0011	
5.82	- .0002	- .0008	.0011	.0012	.0012	
5.83	- .0003	- .0009	.0012	.0012	.0012	
5.84	- .0004	- .0010	.0013	.0013	.0013	
5.85	- .0005	- .0010	.0013	.0014	.0013	
5.86	- .0006	- .0011	.0014	.0014	.0014	
5.87	- .0007	- .0012	.0015	.0015	.0014	
5.88	- .0008	- .0013	.0015	.0015	.0015	
5.89	- .0009	- .0014	.0016	.0016	.0015	
5.90	- .0010	- .0014	.0016	.0016	.0015	
5.91	- .0011	- .0015	.0017	.0017	.0016	
5.92	- .0012	- .0016	.0017	.0017	.0016	
5.93	- .0013	- .0017	.0018	.0017	.0017	
5.94	- .0013	- .0017	.0019	.0018	.0017	
5.95	- .0014	- .0018	.0019	.0018	.0017	
5.96	- .0015	- .0019	.0020	.0019	.0018	
5.97	- .0016	- .0019	.0020	.0019	.0018	
5.98	- .0017	- .0020	.0021	.0020	.0018	
5.99	- .0017	- .0020	.0021	.0020	.0019	
6.00	- .0018	- .0021	.0021	.0020	.0019	

$W_2(x, r)$

X	T	1	1.1	1.25	1.5	2.0
6.00		.0060	.0045	.0028	.0011	-.0007
6.01		.0058	.0043	.0027	.0009	-.0008
6.02		.0056	.0041	.0025	.0008	-.0009
6.03		.0054	.0040	.0024	.0007	-.0010
6.04		.0053	.0038	.0022	.0006	-.0011
6.05		.0051	.0037	.0021	.0005	-.0011
6.06		.0050	.0035	.0020	.0003	-.0012
6.07		.0048	.0034	.0018	.0002	-.0013
6.08		.0046	.0032	.0017	.0001	-.0014
6.09		.0045	.0031	.0016	.0000	-.0015
6.10		.0043	.0029	.0014	-.0001	-.0016
6.11		.0041	.0028	.0013	-.0002	-.0017
6.12		.0040	.0026	.0012	-.0003	-.0017
6.13		.0038	.0025	.0011	-.0004	-.0018
6.14		.0037	.0024	.0009	-.0005	-.0019
6.15		.0035	.0023	.0008	-.0006	-.0020
6.16		.0034	.0021	.0007	-.0007	-.0020
6.17		.0032	.0020	.0006	-.0008	-.0021
6.18		.0031	.0018	.0005	-.0009	-.0022
6.19		.0029	.0017	.0004	-.0010	-.0022
6.20		.0028	.0016	.0003	-.0011	-.0023
6.21		.0027	.0014	.0001	-.0012	-.0024
6.22		.0025	.0013	.0000	-.0013	-.0024
6.23		.0024	.0012	.0001	-.0013	-.0025
6.24		.0022	.0011	.0002	-.0014	-.0025
6.25		.0021	.0009	.0003	-.0015	-.0026
6.26		.0020	.0008	.0004	-.0016	-.0026
6.27		.0018	.0007	.0005	-.0017	-.0027
6.28		.0017	.0006	.0006	-.0017	-.0027
6.29		.0016	.0005	.0007	-.0018	-.0028
6.30		.0015	.0004	.0008	-.0019	-.0028
6.31		.0013	.0003	.0009	-.0020	-.0029
6.32		.0012	.0002	.0009	-.0020	-.0030
6.33		.0011	.0000	.0010	-.0021	-.0030
6.34		.0010	-.0001	.0011	-.0022	-.0030
6.35		.0008	-.0002	.0012	-.0022	-.0031
6.36		.0007	-.0003	.0013	-.0023	-.0031
6.37		.0006	-.0004	.0014	-.0023	-.0031
6.38		.0005	-.0005	.0014	-.0024	-.0032
6.39		.0004	-.0006	.0015	-.0025	-.0032
6.40		.0003	-.0006	.0016	-.0025	-.0032
6.41		.0002	-.0007	.0017	-.0026	-.0033
6.42		.0001	-.0008	.0017	-.0026	-.0033
6.43		.0000	-.0009	.0018	-.0027	-.0033
6.44		.0001	-.0010	.0019	-.0027	-.0034
6.45		-.0002	-.0011	.0020	-.0028	-.0034
6.46		-.0003	-.0012	.0020	-.0028	-.0034
6.47		-.0004	-.0013	.0021	-.0029	-.0034
6.48		-.0005	-.0013	.0021	-.0029	-.0034
6.49		-.0006	-.0014	.0022	-.0029	-.0035
6.50		-.0007	-.0015	.0023	-.0030	-.0035
6.51		-.0008	-.0016	.0023	-.0030	-.0035
6.52		-.0009	-.0016	.0024	-.0031	-.0035
6.53		-.0010	-.0017	.0024	-.0031	-.0035
6.54		-.0011	-.0018	.0025	-.0031	-.0035
6.55		-.0012	-.0018	.0025	-.0032	-.0036
6.56		-.0013	-.0019	.0026	-.0032	-.0036
6.57		-.0013	-.0020	.0026	-.0032	-.0036
6.58		-.0014	-.0020	.0027	-.0032	-.0036
6.59		-.0015	-.0021	.0027	-.0033	-.0036
6.60		-.0015	-.0022	.0028	-.0033	-.0036
6.61		-.0016	-.0022	.0028	-.0033	-.0036
6.62		-.0017	-.0023	.0029	-.0033	-.0036
6.63		-.0018	-.0023	.0029	-.0034	-.0036
6.64		-.0018	-.0024	.0029	-.0034	-.0036
6.65		-.0019	-.0024	.0030	-.0034	-.0036
6.66		-.0020	-.0025	.0030	-.0034	-.0036
6.67		-.0020	-.0025	.0030	-.0034	-.0036
6.68		-.0021	-.0026	.0031	-.0035	-.0036
6.69		-.0021	-.0026	.0031	-.0035	-.0036
6.70		-.0022	-.0027	.0031	-.0035	-.0036
6.71		-.0023	-.0027	.0032	-.0035	-.0036
6.72		-.0023	-.0028	.0032	-.0035	-.0036
6.73		-.0024	-.0028	.0032	-.0035	-.0036
6.74		-.0024	-.0028	.0032	-.0035	-.0036
6.75		-.0025	-.0029	.0032	-.0035	-.0036

$W_2(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
6.00	- .0018	- .0021	- .0021	- .0020	- .0019
6.01	- .0019	- .0022	- .0022	- .0021	- .0019
6.02	- .0020	- .0022	- .0022	- .0021	- .0020
6.03	- .0020	- .0023	- .0023	- .0021	- .0020
6.04	- .0021	- .0023	- .0023	- .0022	- .0020
6.05	- .0022	- .0024	- .0023	- .0022	- .0020
6.06	- .0022	- .0024	- .0024	- .0022	- .0021
6.07	- .0023	- .0025	- .0024	- .0023	- .0021
6.08	- .0023	- .0025	- .0024	- .0023	- .0021
6.09	- .0024	- .0026	- .0025	- .0023	- .0021
6.10	- .0025	- .0026	- .0025	- .0023	- .0022
6.11	- .0025	- .0026	- .0025	- .0024	- .0022
6.12	- .0026	- .0027	- .0026	- .0024	- .0022
6.13	- .0026	- .0027	- .0026	- .0024	- .0022
6.14	- .0027	- .0026	- .0026	- .0024	- .0022
6.15	- .0027	- .0028	- .0026	- .0024	- .0023
6.16	- .0028	- .0028	- .0027	- .0025	- .0023
6.17	- .0028	- .0029	- .0027	- .0025	- .0023
6.18	- .0028	- .0029	- .0027	- .0025	- .0023
6.19	- .0029	- .0029	- .0027	- .0025	- .0023
6.20	- .0029	- .0030	- .0028	- .0025	- .0023
6.21	- .0030	- .0030	- .0028	- .0025	- .0023
6.22	- .0030	- .0030	- .0028	- .0025	- .0023
6.23	- .0030	- .0030	- .0028	- .0026	- .0024
6.24	- .0031	- .0031	- .0028	- .0026	- .0024
6.25	- .0031	- .0031	- .0028	- .0026	- .0024
6.26	- .0031	- .0031	- .0028	- .0026	- .0024
6.27	- .0032	- .0031	- .0029	- .0026	- .0024
6.28	- .0032	- .0032	- .0029	- .0026	- .0024
6.29	- .0032	- .0032	- .0029	- .0026	- .0024
6.30	- .0032	- .0032	- .0029	- .0026	- .0024
6.31	- .0033	- .0032	- .0029	- .0026	- .0024
6.32	- .0033	- .0032	- .0029	- .0026	- .0024
6.33	- .0033	- .0032	- .0029	- .0026	- .0024
6.34	- .0033	- .0032	- .0029	- .0026	- .0024
6.35	- .0034	- .0033	- .0029	- .0026	- .0024
6.36	- .0034	- .0033	- .0029	- .0026	- .0024
6.37	- .0034	- .0033	- .0029	- .0026	- .0024
6.38	- .0034	- .0033	- .0029	- .0026	- .0024
6.39	- .0034	- .0033	- .0029	- .0026	- .0024
6.40	- .0034	- .0033	- .0029	- .0026	- .0024
6.41	- .0034	- .0033	- .0029	- .0026	- .0024
6.42	- .0035	- .0033	- .0029	- .0026	- .0024
6.43	- .0035	- .0033	- .0029	- .0026	- .0024
6.44	- .0035	- .0033	- .0029	- .0026	- .0024
6.45	- .0035	- .0033	- .0029	- .0026	- .0024
6.46	- .0035	- .0033	- .0029	- .0026	- .0024
6.47	- .0035	- .0033	- .0029	- .0026	- .0024
6.48	- .0035	- .0033	- .0029	- .0026	- .0023
6.49	- .0035	- .0033	- .0029	- .0026	- .0023
6.50	- .0035	- .0033	- .0029	- .0026	- .0023
6.51	- .0035	- .0033	- .0029	- .0025	- .0023
6.52	- .0035	- .0033	- .0029	- .0025	- .0023
6.53	- .0035	- .0033	- .0028	- .0025	- .0023
6.54	- .0035	- .0033	- .0028	- .0025	- .0023
6.55	- .0035	- .0033	- .0028	- .0025	- .0023
6.56	- .0035	- .0032	- .0028	- .0025	- .0022
6.57	- .0035	- .0032	- .0028	- .0025	- .0022
6.58	- .0035	- .0032	- .0028	- .0025	- .0022
6.59	- .0035	- .0032	- .0028	- .0025	- .0022
6.60	- .0035	- .0032	- .0028	- .0024	- .0022
6.61	- .0035	- .0032	- .0027	- .0024	- .0022
6.62	- .0035	- .0032	- .0027	- .0024	- .0022
6.63	- .0034	- .0032	- .0027	- .0024	- .0022
6.64	- .0034	- .0032	- .0027	- .0024	- .0021
6.65	- .0034	- .0031	- .0027	- .0024	- .0021
6.66	- .0034	- .0031	- .0027	- .0023	- .0021
6.67	- .0034	- .0031	- .0026	- .0023	- .0021
6.68	- .0034	- .0031	- .0026	- .0023	- .0021
6.69	- .0034	- .0031	- .0026	- .0023	- .0021
6.70	- .0034	- .0030	- .0026	- .0023	- .0020
6.71	- .0033	- .0030	- .0026	- .0023	- .0020
6.72	- .0033	- .0030	- .0025	- .0022	- .0020
6.73	- .0033	- .0030	- .0025	- .0022	- .0020
6.74	- .0033	- .0030	- .0025	- .0022	- .0020
6.75	- .0033	- .0029	- .0025	- .0022	- .0020

$W_2(x,r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
6.75	-.0025	-.0029	-.0032	-.0036	-.0036
6.76	-.0025	-.0029	-.0033	-.0036	-.0036
6.77	-.0026	-.0029	-.0033	-.0035	-.0036
6.78	-.0026	-.0030	-.0033	-.0035	-.0035
6.79	-.0027	-.0030	-.0033	-.0035	-.0035
6.80	-.0027	-.0030	-.0033	-.0035	-.0035
6.81	-.0027	-.0030	-.0034	-.0035	-.0035
6.82	-.0028	-.0031	-.0034	-.0035	-.0035
6.83	-.0028	-.0031	-.0034	-.0035	-.0035
6.84	-.0029	-.0032	-.0034	-.0035	-.0035
6.85	-.0029	-.0032	-.0034	-.0036	-.0035
6.86	-.0029	-.0032	-.0034	-.0035	-.0034
6.87	-.0030	-.0032	-.0034	-.0035	-.0034
6.88	-.0030	-.0032	-.0034	-.0035	-.0034
6.89	-.0030	-.0033	-.0034	-.0035	-.0034
6.90	-.0031	-.0033	-.0034	-.0035	-.0034
6.91	-.0031	-.0033	-.0034	-.0035	-.0033
6.92	-.0031	-.0033	-.0035	-.0035	-.0033
6.93	-.0031	-.0033	-.0035	-.0035	-.0033
6.94	-.0032	-.0033	-.0035	-.0035	-.0033
6.95	-.0032	-.0033	-.0035	-.0035	-.0033
6.96	-.0032	-.0034	-.0035	-.0034	-.0032
6.97	-.0032	-.0034	-.0035	-.0034	-.0032
6.98	-.0032	-.0034	-.0034	-.0034	-.0032
6.99	-.0033	-.0034	-.0034	-.0034	-.0032
7.00	-.0033	-.0034	-.0034	-.0034	-.0031

$W_2(x, r)$

X \ r	3.0	4.0	6.0	8.0	10.0
6.75	- .0033	- .0029	- .0025	- .0022	- .0020
6.76	- .0032	- .0029	- .0025	- .0022	- .0019
6.77	- .0032	- .0029	- .0024	- .0021	- .0019
6.78	- .0032	- .0029	- .0024	- .0021	- .0019
6.79	- .0032	- .0029	- .0024	- .0021	- .0019
6.80	- .0032	- .0028	- .0024	- .0021	- .0019
6.81	- .0031	- .0028	- .0023	- .0020	- .0018
6.82	- .0031	- .0028	- .0023	- .0020	- .0018
6.83	- .0031	- .0028	- .0023	- .0020	- .0018
6.84	- .0031	- .0027	- .0023	- .0020	- .0018
6.85	- .0031	- .0027	- .0023	- .0020	- .0018
6.86	- .0030	- .0027	- .0022	- .0019	- .0017
6.87	- .0030	- .0027	- .0022	- .0019	- .0017
6.88	- .0030	- .0026	- .0022	- .0019	- .0017
6.89	- .0030	- .0026	- .0022	- .0019	- .0017
6.90	- .0029	- .0026	- .0021	- .0018	- .0016
6.91	- .0029	- .0026	- .0021	- .0018	- .0016
6.92	- .0029	- .0025	- .0021	- .0018	- .0016
6.93	- .0028	- .0025	- .0021	- .0018	- .0016
6.94	- .0028	- .0025	- .0020	- .0017	- .0016
6.95	- .0028	- .0024	- .0020	- .0017	- .0015
6.96	- .0028	- .0024	- .0020	- .0017	- .0015
6.97	- .0027	- .0024	- .0019	- .0017	- .0015
6.98	- .0027	- .0024	- .0019	- .0017	- .0015
6.99	- .0027	- .0023	- .0019	- .0016	- .0014
7.00	- .0026	- .0023	- .0019	- .0016	- .0014

$W_3(x, r)$

X \ T	I	1.1	1.25	1.5	2.0
.00	.50000000	.85594937	1.22983738	1.59897247	1.90034947
.01	.54081636	.88852591	1.25184495	1.60760918	1.89287188
.02	.58075618	.92013077	1.27283989	1.61528169	1.88461860
.03	.61980626	.95075830	1.29282487	1.62199934	1.87560445
.04	.65795425	.98040361	1.31180083	1.62777197	1.86584457
.05	.69518867	1.00906265	1.32977296	1.63260992	1.85535433
.06	.73149894	1.03673208	1.34674469	1.63652397	1.84414940
.07	.76887529	1.06340935	1.36272068	1.63952537	1.83224568
.08	.80130881	1.08909263	1.37770618	1.64162581	1.81965929
.09	.83479143	1.11378084	1.39170704	1.64283737	1.80640656
.10	.867314790	1.13747360	1.40474296	1.64317256	1.79250404
.11	.89887575	1.16017124	1.41678111	1.64264427	1.77796842
.12	.92946535	1.18187475	1.42786884	1.64126574	1.76281660
.13	.95907983	1.20258583	1.43800093	1.63905059	1.74706560
.14	.98771510	1.22823068	1.44718596	1.63601276	1.73073259
.15	1.01536783	1.24104070	1.45543301	1.63216652	1.71383486
.16	1.04203545	1.25879108	1.46275161	1.62758642	1.69638979
.17	1.06771612	1.27556220	1.46915178	1.62810734	1.67841487
.18	1.09240870	1.29135888	1.47464400	1.61592440	1.65992767
.19	1.11611281	1.30618653	1.47923917	1.60899299	1.64094582
.20	1.138882871	1.32005115	1.48294859	1.60132873	1.62148699
.21	1.16055738	1.33295925	1.48578400	1.59894749	1.60156891
.22	1.18130045	1.34491798	1.48775750	1.58386534	1.58120931
.23	1.20106028	1.35593476	1.48888157	1.57409853	1.56048595
.24	1.21983960	1.36601788	1.48916904	1.56366351	1.53923659
.25	1.23764217	1.37517586	1.48866330	1.55257690	1.51765896
.26	1.255447207	1.38341780	1.48728719	1.54085546	1.49571077
.27	1.270703406	1.39075323	1.48514517	1.52851509	1.47340972
.28	1.28523349	1.39719213	1.48228113	1.51557581	1.45077342
.29	1.29917626	1.40274493	1.47852943	1.50205177	1.42781945
.30	1.31216863	1.40742245	1.47408471	1.48796118	1.40456530
.31	1.328421818	1.41112359	1.46890186	1.47332137	1.38102838
.32	1.335331683	1.41419697	1.46299960	1.45814972	1.357282604
.33	1.34551779	1.41631758	1.45638284	1.44246365	1.33317547
.34	1.35476457	1.41761009	1.44907680	1.42628066	1.30889380
.35	1.36314114	1.41808718	1.44109473	1.40961625	1.28439801
.36	1.37059695	1.41776186	1.43845815	1.39249395	1.25970494
.37	1.37716188	1.41664743	1.42316514	1.37492588	1.23483132
.38	1.382846228	1.41475750	1.41324990	1.35692978	1.20979371
.39	1.38766078	1.41210595	1.40272278	1.33852495	1.18460850
.40	1.39161649	1.40870693	1.39160025	1.31972827	1.15929194
.41	1.39472503	1.40457488	1.37989886	1.30055717	1.13386009
.42	1.39859821	1.39972432	1.36763508	1.28102903	1.10832881
.43	1.399844885	1.39417021	1.35482626	1.26116118	1.08271381
.44	1.39908772	1.38792757	1.34148860	1.24097083	1.05703057
.45	1.39892949	1.38101165	1.32763915	1.22047520	1.03129438
.46	1.39798675	1.37343788	1.31329484	1.19969131	1.00552030
.47	1.39627298	1.36528218	1.29847258	1.17863612	.97972320
.48	1.39380194	1.35637930	1.28318933	1.15732650	.95391770
.49	1.39058764	1.34692611	1.26746204	1.135777916	.92811820
.50	1.38664436	1.336687829	1.25130766	1.11401070	.90233887
.51	1.38198659	1.32625195	1.23474313	1.09803757	.87659363
.52	1.37662905	1.31506329	1.21778535	1.06987607	.85089617
.53	1.37058667	1.30332861	1.20045117	1.04754235	.82585990
.54	1.36387457	1.29106428	1.18872743	1.02505239	.79969800
.55	1.35650804	1.27828672	1.16472087	1.00242199	.77428337
.56	1.34850253	1.26501240	1.14635817	.97966677	.74684867
.57	1.33987365	1.25125783	1.12768594	.95680219	.72358628
.58	1.33063714	1.23703955	1.10872069	.93384348	.69844830
.59	1.32080887	1.222237409	1.08947884	.91080569	.67344656
.60	1.31040482	1.20727800	1.06997669	.88703655	.64859262
.61	1.29944106	1.19767681	1.05023043	.86455198	.62389777
.62	1.288793374	1.17586003	1.03025612	.84136508	.59937298
.63	1.275859909	1.159587114	1.01006969	.81815714	.57502897
.64	1.263353541	1.14291759	.98968693	.79494809	.55087615
.65	1.25031303	1.12591574	.96912347	.77173365	.52692466
.66	1.23679432	1.10858192	.94839479	.74854529	.50318434
.67	1.22281368	1.09093237	.92751619	.72539023	.47966474
.68	1.20838752	1.07298387	.90650288	.70828145	.45637510
.69	1.19353824	1.05475069	.88536963	.67923168	.433332439
.70	1.17826425	1.03625059	.86413140	.65625337	.41058128
.71	1.162859998	1.01749885	.84280270	.63335874	.38797413
.72	1.146555561	.99851120	.82139792	.61055973	.36569103
.73	1.13014761	.97930326	.79993124	.58786800	.34367974
.74	1.11339218	.95989053	.77841561	.56589497	.32194774
.75	1.09630558	.94028834	.75686779	.54285176	.30050224

$W_3(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
.00	1.97261342	1.89062500	1.69252937	1.53022326	1.40326071
.01	1.95197678	1.86570865	1.66602426	1.50445856	1.37868403
.02	1.93085293	1.84046675	1.63935068	1.47861626	1.35404779
.03	1.90925799	1.81491444	1.61252159	1.45267778	1.32936223
.04	1.88720817	1.78906689	1.58554997	1.42666445	1.30463753
.05	1.86471982	1.76293929	1.55844875	1.40058760	1.27988384
.06	1.84180933	1.73654685	1.53123081	1.37445847	1.25511125
.07	1.81849317	1.70990478	1.50390900	1.34828826	1.23032975
.08	1.79478788	1.68302827	1.47649611	1.32208809	1.20554930
.09	1.77071000	1.65593249	1.44900485	1.29586901	1.18077975
.10	1.74627615	1.62863258	1.42144788	1.26964196	1.15603086
.11	1.72150292	1.60114362	1.39383774	1.24341782	1.13131231
.12	1.69640692	1.573348066	1.36618691	1.21720734	1.10663369
.13	1.67100476	1.54565866	1.33850775	1.19102119	1.08200446
.14	1.645531302	1.51769251	1.31061252	1.16485992	1.05743398
.15	1.61934823	1.48959702	1.28311336	1.13876393	1.03293149
.16	1.59312691	1.46138690	1.25542230	1.11271355	1.00850612
.17	1.56665519	1.43307676	1.22775123	1.08678892	98416685
.18	1.53998035	1.40468109	1.20011189	1.06082009	95992254
.19	1.51308779	1.37621426	1.17251590	1.03499695	93578192
.20	1.48600403	1.34769051	1.14497472	1.00926923	91175357
.21	1.45874518	1.31912395	1.11749965	98364652	88784593
.22	1.43132725	1.29052853	1.09010184	95813826	86406727
.23	1.40376612	1.26191804	1.06279225	93275372	84042574
.24	1.37607755	1.23330613	1.03558171	90750198	81692930
.25	1.34827718	1.20470627	1.00848081	88239200	.79358577
.26	1.32038048	1.17613175	98150002	85743252	.77040280
.27	1.29240278	1.14759567	95464958	83263212	.74738786
.28	1.26435926	1.11911097	92793955	80799920	.72454827
.29	1.23626499	1.09069036	90137980	78354197	.70189116
.30	1.20813453	1.06234637	87497999	.75926846	.67942350
.31	1.17998279	1.03409132	84874959	.73518649	.65715205
.32	1.15182412	1.00593731	82269783	.71130370	.63508343
.33	1.12367276	.97789625	79683378	.68762754	.61322404
.34	1.09554277	.94997979	.77116625	.66416523	.59158013
.35	1.06744797	.92219937	.74570384	.64092384	.57015773
.36	1.03940198	.89456621	.72045496	.61791018	.54895271
.37	1.011141819	.86709128	.69542776	.59513090	.52800073
.38	.98350975	.83978532	.67063020	.57259242	.50727727
.39	.95568960	.81265882	.64606997	.55030095	.48679761
.40	.92797043	.78572204	.62175457	.52826851	.46656685
.41	.90036469	.75898497	.59769126	.50648890	.44658989
.42	.87288457	.73245737	.57388705	.48496769	.42687143
.43	.84554202	.70614872	.55034874	.46372226	.40741598
.44	.81834874	.68006827	.52708288	.44275179	.38622785
.45	.79131614	.65422499	.50409579	.42206121	.36931118
.46	.76445541	.62862761	.48139355	.40165526	.35065988
.47	.73777744	.60328458	.45898202	.38153847	.33230768
.48	.71129287	.57820410	.43686680	.36171514	.31422813
.49	.68501205	.55339408	.41505327	.34218938	.29643457
.50	.65894508	.52886219	.39354656	.32296506	.27893013
.51	.63310176	.50461583	.37235157	.30404586	.26171779
.52	.60749163	.48066211	.35147297	.28543524	.24480050
.53	.588212393	.45700789	.33091517	.267135645	.22818024
.54	.55700764	.43365977	.31068238	.24915254	.21185999
.55	.53215144	.41062406	.29077854	.23148633	.19584175
.56	.50756374	.38790681	.27120738	.21414045	.18018752
.57	.48325264	.36551379	.25197239	.19711733	.16471913
.58	.45922599	.34345054	.23307683	.18041916	.14961820
.59	.43549133	.32172228	.21462371	.16404798	.13482680
.60	.41205592	.30033400	.19631586	.14800558	.12034440
.61	.38892673	.27929042	.17845582	.13229359	.10617388
.62	.36611044	.25859598	.16094596	.11691341	.09231557
.63	.34361346	.23825488	.14378840	.10186626	.07877020
.64	.32144190	.21827102	.12698503	.08715317	.06553834
.65	.29960160	.19864809	.11053756	.07277497	.05262039
.66	.27809810	.17938948	.09444743	.05873231	.04001656
.67	.25693566	.16049835	.07871590	.04502565	.02772692
.68	.23612227	.14197760	.06334402	.03165526	.01575137
.69	.21565963	.12388986	.04833262	.01862124	.00408963
.70	.19555317	.10605753	.03368232	-.00592349	-.00725871
.71	.17580703	.08866276	.01939354	-.00643822	-.01829426
.72	.15642510	.07164745	.00546650	-.01846436	-.02901773
.73	.13741097	.05501326	-.00809876	-.03015552	-.03943003
.74	.11876797	.03876162	-.02130244	-.04151247	-.04953218
.75	.10049916	.02289371	-.03414489	-.05253614	-.05932537

$W_3(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.75	1.09630552	.94028834	.75686779	.54285176	.30050224
.76	1.07890374	.92051188	.73529831	.52054923	.27935011
.77	1.06120288	.90057620	.71372147	.49839796	.25849797
.78	1.04321890	.88049615	.69815034	.47640825	.23795810
.79	1.02496764	.86028645	.67059777	.45459012	.21771852
.80	1.00646484	.83996162	.64907636	.43895330	.19780296
.81	.98772623	.81953599	.62759846	.41150726	.17821085
.82	.96876701	.79902371	.60617618	.390626115	.15894732
.83	.94960265	.77843874	.58482136	.36922387	.14001784
.84	.93024887	.75779483	.56354567	.34640400	.18142518
.85	.91078016	.73710552	.54236041	.32780987	.10317543
.86	.89103164	.71638414	.52127668	.30744949	.08527199
.87	.87119806	.69564381	.50030531	.28733061	.06771860
.88	.85123404	.67489743	.47945686	.26746067	.05051872
.89	.83115397	.655415765	.45874168	.24784683	.03367552
.90	.81097210	.633343693	.43816975	.28849598	.01719193
.91	.79070248	.61274745	.41775085	.20941472	.00107059
.92	.77035895	.59210119	.39749448	.19060934	.-01468612
.93	.74995517	.57150988	.37740985	.17208588	.-03007608
.94	.72950459	.55098498	.35750592	.15385007	.-04509743
.95	.70902045	.53053774	.33779136	.13590739	.-05974855
.96	.68851577	.51017914	.31827456	.11826302	.-07408809
.97	.66800335	.48991989	.29896366	.10092187	.-08793494
.98	.64749579	.46977048	.27986650	.08388856	.-10146823
.99	.62700543	.44974112	.26099066	.06716745	.-11468734
1.00	.60654439	.42984177	.24234343	.05076264	.-12741187
1.01	.58612456	.41008212	.228393185	.03467794	.-13988166
1.02	.56575758	.39047161	.20576264	.01891691	.-15185679
1.03	.54545486	.37101939	.18784831	.00348282	.-16351755
1.04	.52522756	.35173438	.17017703	.-01162128	.-17480445
1.05	.50508659	.33262520	.15277276	.-02639265	.-18571822
1.06	.48504261	.31370024	.13563513	.-04082877	.-19625980
1.07	.46510602	.29496758	.11876955	.-05492737	.-20643034
1.08	.44528698	.27643507	.10218114	.-06868645	.-21623119
1.09	.42559539	.25811026	.08587474	.-08210425	.-22566390
1.10	.40604087	.24000047	.06985496	.-09517924	.-23473081
1.11	.38663280	.22211871	.05412611	.-10791015	.-24343205
1.12	.36738031	.20445375	.03869226	.-12089592	.-25177154
1.13	.34829222	.18703008	.023555723	.-13233575	.-25975098
1.14	.32937715	.16984794	.00872455	.-14402906	.-26737288
1.15	.31064339	.152891329	.-00580245	.-15537548	.-27463972
1.16	.29209903	.13623182	.-02002077	.-16637488	.-28155449
1.17	.27375183	.11980898	.-03392758	.-17702734	.-28812008
1.18	.25560934	.10364994	.-04752035	.-18733314	.-29433963
1.19	.23767660	.08775961	.-06079676	.-19729280	.-30021640
1.20	.21996722	.07214265	.-07375474	.-20690701	.-30575384
1.21	.202481	.056803	.-086392	.-216177	.-310955
1.22	.185222	.041746	.-098708	.-225103	.-315825
1.23	.168212	.026975	.-110701	.-233687	.-320366
1.24	.151441	.012493	.-128369	.-241930	.-324583
1.25	.134920	- .001697	.-133712	.-249835	.-328480
1.26	.118654	.015590	.-144729	.-257408	.-338061
1.27	.108649	.029184	.-155480	.-264634	.-335330
1.28	.086909	.042477	.-165784	.-271534	.-338292
1.29	.071439	.055466	.-175821	.-278102	.-340951
1.30	.056244	- .068149	.-185538	.-284343	.-343312
1.31	.041327	.080523	.-194916	.-290258	.-345383
1.32	.026693	.092588	.-203975	.-295851	.-347159
1.33	.012345	.104342	.-212709	.-301124	.-348655
1.34	- .001714	.115783	.-221118	.-306080	.-349871
1.35	- .015480	.126910	.-229205	.-310724	.-350814
1.36	- .028950	.137723	.-236970	.-315057	.-351489
1.37	- .042123	.148881	.-244415	.-319085	.-351900
1.38	- .054995	.158403	.-251542	.-322809	.-352053
1.39	- .067564	.168270	.-258351	.-326235	.-351953
1.40	- .079828	.177821	.-264847	.-329365	.-351606
1.41	- .091786	.187029	.-271029	.-332204	.-351017
1.42	- .103435	.195976	.-276902	.-334757	.-350192
1.43	- .114776	.204582	.-282466	.-337026	.-349135
1.44	- .125806	.212873	.-287726	.-339018	.-347653
1.45	- .136525	.220852	.-292683	.-340735	.-346350
1.46	- .146932	.228520	.-297340	.-342168	.-344634
1.47	- .157027	.235876	.-301701	.-343364	.-342209
1.48	- .166809	.242924	.-305768	.-344286	.-340580
1.49	- .176879	.249665	.-309545	.-344951	.-338254
1.50	- .185437	- .256100	.-313036	.-345367	.-335737

$W_3(x, t)$

X T	3.0	4.0	6.0	8.0	10.0
.75	10049916	.02289371	-.03414489	-.05253614	-.05932537
.76	.08260735	.00741048	-.04662666	-.06322764	-.06881092
.77	.06509508	-.00768733	-.05874850	-.07358622	-.07799030
.78	.04796460	-.02239925	-.07051133	-.08361929	-.08686512
.79	.03121795	-.03672500	-.08191624	-.09332241	-.09543709
.80	.01485689	-.05066452	-.09296451	-.10269930	-.10370810
.81	-.00111706	-.06421797	-.10365758	-.11175180	-.11168014
.82	-.01670265	-.07738574	-.11399708	-.12048192	-.11935532
.83	-.03189886	-.09016840	-.12398477	-.12889179	-.12673588
.84	-.04670490	-.10256675	-.13362260	-.13698369	-.13382418
.85	-.06118023	-.11458178	-.14291266	-.14476001	-.14062269
.86	-.07514454	-.12621467	-.15185781	-.15222328	-.14713400
.87	-.08877776	-.13746682	-.16045864	-.15937617	-.15336079
.88	-.10802002	-.14833978	-.16871949	-.16622144	-.15930586
.89	-.11487170	-.15883533	-.17664246	-.17276199	-.16497212
.90	-.12733339	-.16895539	-.18423037	-.17900083	-.17036255
.91	-.13940589	-.17870209	-.19148618	-.18494107	-.17548025
.92	-.15109021	-.18807771	-.19841297	-.19058594	-.18032841
.93	-.16238757	-.19708471	-.20501396	-.19593876	-.18491029
.94	-.17329939	-.20572572	-.21129849	-.20100296	-.18922825
.95	-.18382729	-.21400351	-.21752021	-.20578205	-.19328873
.96	-.19397308	-.22192101	-.22389609	-.21027966	-.19709224
.97	-.20373875	-.22948135	-.22828841	-.21449948	-.20064339
.98	-.21312649	-.2368769	-.23325274	-.21844531	-.20394582
.99	-.220213866	-.24354347	-.23797299	-.22212100	-.20700328
1.00	-.23077780	-.25005219	-.24239314	-.22553051	-.20981956
1.01	-.23904662	-.25621750	-.24651725	-.22867785	-.21239852
1.02	-.24694798	-.26204317	-.25034952	-.23156711	-.21474407
1.03	-.25448494	-.26753310	-.25389417	-.23420245	-.21686020
1.04	-.26166068	-.27289132	-.25715557	-.23656809	-.21875092
1.05	-.26847853	-.27752197	-.26013811	-.23872831	-.22042031
1.06	-.27494200	-.28202930	-.26284630	-.24062744	-.22187248
1.07	-.28105472	-.28621765	-.26584669	-.24228987	-.22311160
1.08	-.28682046	-.29009149	-.26745790	-.24372004	-.22414187
1.09	-.29224312	-.29365538	-.26937063	-.24492244	-.22496753
1.10	-.29732674	-.29691395	-.27108768	-.24590158	-.22559285
1.11	-.30807548	-.29987196	-.27243368	-.24666204	-.22602212
1.12	-.30649360	-.30253422	-.27359366	-.24720841	-.22625968
1.13	-.31058550	-.30490563	-.27451246	-.24754538	-.22630988
1.14	-.31435569	-.30699117	-.27519503	-.24767745	-.22617709
1.15	-.31780875	-.30879589	-.275564635	-.24760947	-.22586559
1.16	-.32094941	-.31032490	-.27587144	-.24734509	-.22538011
1.17	-.32378246	-.31158339	-.27587535	-.24689205	-.22472475
1.18	-.32631278	-.31257659	-.27566317	-.24625810	-.22390405
1.19	-.32854537	-.31330979	-.27584001	-.24543098	-.22292243
1.20	-.33048527	-.31378834	-.27461099	-.24443348	-.22178435
1.21	-.3328138	-.314018	-.273781	-.243264	-.220494
1.22	-.333508	-.314003	-.272756	-.241928	-.219057
1.23	-.3344601	-.313750	-.271540	-.240430	-.217476
1.24	-.335422	-.313264	-.270140	-.238775	-.215756
1.25	-.335977	-.312551	-.268559	-.236967	-.213902
1.26	-.336271	-.311616	-.266803	-.235012	-.211918
1.27	-.336310	-.310465	-.264878	-.232914	-.209809
1.28	-.336099	-.309104	-.262788	-.230677	-.207579
1.29	-.335643	-.307537	-.260540	-.228307	-.205232
1.30	-.334949	-.305771	-.258137	-.225608	-.202772
1.31	-.334023	-.303811	-.255585	-.223185	-.200205
1.32	-.332869	-.301663	-.252889	-.220443	-.197533
1.33	-.331493	-.299333	-.250055	-.217585	-.194762
1.34	-.329902	-.296826	-.247087	-.214619	-.191896
1.35	-.328101	-.294148	-.243991	-.211546	-.188939
1.36	-.326095	-.291304	-.240772	-.208372	-.185895
1.37	-.323892	-.288301	-.237434	-.205102	-.182768
1.38	-.321495	-.285143	-.233982	-.201740	-.179562
1.39	-.318912	-.281836	-.230423	-.198291	-.176282
1.40	-.316147	-.278386	-.226759	-.194759	-.172932
1.41	-.313208	-.274798	-.222998	-.191147	-.169514
1.42	-.310099	-.271078	-.219142	-.187462	-.166035
1.43	-.306826	-.267232	-.215197	-.183706	-.162496
1.44	-.303395	-.263264	-.211169	-.179885	-.158903
1.45	-.299813	-.259180	-.207060	-.176002	-.155258
1.46	-.296083	-.254986	-.202877	-.172061	-.151556
1.47	-.292213	-.250686	-.198624	-.168067	-.147831
1.48	-.288208	-.246286	-.194305	-.164024	-.144056
1.49	-.284073	-.241792	-.189924	-.159935	-.140244
1.50	-.279815	-.237209	-.185488	-.155806	-.136400

$W_3(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	- 1854	- 2561	- 3130	- 3453	- 3357
1.51	- 1943	- 2622	- 3168	- 3455	- 3330
1.52	- 2028	- 2681	- 3192	- 3455	- 3302
1.53	- 2110	- 2736	- 3818	- 3452	- 3271
1.54	- 2190	- 2788	- 3842	- 3446	- 3239
1.55	- 2266	- 2838	- 3263	- 3439	- 3205
1.56	- 2339	- 2884	- 3282	- 3429	- 3169
1.57	- 2409	- 2928	- 3898	- 3417	- 3138
1.58	- 2475	- 2969	- 3511	- 3402	- 3094
1.59	- 2539	- 3006	- 3582	- 3386	- 3054
1.60	- 2600	- 3042	- 3330	- 3368	- 3013
1.61	- 2658	- 3074	- 3336	- 3348	- 2970
1.62	- 2713	- 3104	- 3339	- 3386	- 2926
1.63	- 2765	- 3131	- 3341	- 3302	- 2881
1.64	- 2814	- 3155	- 3339	- 3276	- 2835
1.65	- 2866	- 3176	- 3336	- 3249	- 2788
1.66	- 2903	- 3196	- 3330	- 3280	- 2740
1.67	- 2944	- 3212	- 3523	- 3189	- 2691
1.68	- 2981	- 3282	- 3513	- 3157	- 2641
1.69	- 3016	- 3238	- 3501	- 3123	- 2590
1.70	- 3048	- 3247	- 3287	- 3088	- 2538
1.71	- 3078	- 3254	- 3271	- 3051	- 2485
1.72	- 3105	- 3258	- 3254	- 3013	- 2432
1.73	- 3129	- 3260	- 3234	- 2973	- 2378
1.74	- 3150	- 3260	- 3213	- 2933	- 2324
1.75	- 3169	- 3258	- 3190	- 2891	- 2269
1.76	- 3186	- 3253	- 3168	- 2848	- 2213
1.77	- 3200	- 3247	- 3138	- 2804	- 2157
1.78	- 3211	- 3238	- 3110	- 2758	- 2101
1.79	- 3221	- 3288	- 3080	- 2712	- 2044
1.80	- 3227	- 3215	- 3049	- 2665	- 1987
1.81	- 3232	- 3201	- 3017	- 2617	- 1929
1.82	- 3234	- 3184	- 2983	- 2568	- 1872
1.83	- 3234	- 3166	- 2947	- 2518	- 1814
1.84	- 3232	- 3146	- 2911	- 2468	- 1756
1.85	- 3228	- 3184	- 2873	- 2417	- 1698
1.86	- 3221	- 3101	- 2834	- 2365	- 1640
1.87	- 3213	- 3076	- 2793	- 2313	- 1582
1.88	- 3202	- 3049	- 2758	- 2260	- 1523
1.89	- 3190	- 3021	- 2709	- 2206	- 1465
1.90	- 3176	- 2991	- 2666	- 2152	- 1407
1.91	- 3159	- 2960	- 2622	- 2098	- 1350
1.92	- 3141	- 2988	- 2576	- 2043	- 1292
1.93	- 3122	- 2894	- 2530	- 1988	- 1234
1.94	- 3100	- 2859	- 2483	- 1933	- 1177
1.95	- 3077	- 2823	- 2436	- 1877	- 1120
1.96	- 3052	- 2785	- 2387	- 1821	- 1064
1.97	- 3026	- 2747	- 2338	- 1765	- 1007
1.98	- 2998	- 2707	- 2288	- 1709	- 951
1.99	- 2969	- 2666	- 2238	- 1653	- 896
2.00	- 2938	- 2624	- 2187	- 1597	- 841
2.01	- 2906	- 2582	- 2136	- 1541	- 786
2.02	- 2873	- 2538	- 2084	- 1484	- 732
2.03	- 2838	- 2493	- 2032	- 1428	- 678
2.04	- 2802	- 2448	- 1979	- 1372	- 625
2.05	- 2765	- 2402	- 1926	- 1316	- 573
2.06	- 2727	- 2355	- 1873	- 1261	- 521
2.07	- 2687	- 2308	- 1820	- 1205	- 469
2.08	- 2647	- 2260	- 1766	- 1150	- 419
2.09	- 2605	- 2211	- 1713	- 1095	- 368
2.10	- 2563	- 2168	- 1659	- 1040	- 319
2.11	- 2520	- 2118	- 1605	- 9986	- 270
2.12	- 2476	- 2062	- 1551	- 9932	- 223
2.13	- 2431	- 2011	- 1497	- 9879	- 175
2.14	- 2385	- 1960	- 1443	- 9825	- 129
2.15	- 2339	- 1909	- 1389	- 9773	- 083
2.16	- 2292	- 1857	- 1335	- 9721	- 038
2.17	- 2244	- 1806	- 1282	- 9669	- 006
2.18	- 2196	- 1754	- 1228	- 9618	- 049
2.19	- 2147	- 1701	- 1175	- 9567	- 091
2.20	- 2098	- 1649	- 1122	- 9517	.0133
2.21	- 2048	- 1597	- 1069	- 9468	.0174
2.22	- 1998	- 1544	- 1017	- 9419	.0214
2.23	- 1948	- 1492	- 9964	- 9370	.0253
2.24	- 1897	- 1439	- 9913	- 9323	.0291
2.25	- 1846	- 1387	- 9861	- 9276	.0388

$W_3(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
1.50	- .2798	- .2372	- .1854	- .1558	- .1364
1.51	- .2754	- .2325	- .1810	- .1516	- .1325
1.52	- .2709	- .2278	- .1765	- .1474	- .1286
1.53	- .2664	- .2230	- .1719	- .1432	- .1247
1.54	- .2617	- .2181	- .1673	- .1389	- .1208
1.55	- .2569	- .2131	- .1626	- .1347	- .1168
1.56	- .2520	- .2081	- .1579	- .1304	- .1128
1.57	- .2470	- .2030	- .1532	- .1261	- .1089
1.58	- .2419	- .1979	- .1485	- .1217	- .1049
1.59	- .2368	- .1928	- .1437	- .1174	- .1009
1.60	- .2316	- .1876	- .1389	- .1130	- .0969
1.61	- .2264	- .1823	- .1341	- .1087	- .0929
1.62	- .2210	- .1770	- .1294	- .1044	- .0889
1.63	- .2157	- .1717	- .1246	- .1000	- .0849
1.64	- .2102	- .1664	- .1198	- .0957	- .0810
1.65	- .2047	- .1611	- .1150	- .0914	- .0770
1.66	- .1992	- .1557	- .1102	- .0871	- .0731
1.67	- .1937	- .1503	- .1054	- .0828	- .0692
1.68	- .1881	- .1450	- .1006	- .0785	- .0653
1.69	- .1825	- .1396	- .0959	- .0742	- .0614
1.70	- .1769	- .1342	- .0911	- .0700	- .0576
1.71	- .1712	- .1288	- .0864	- .0658	- .0538
1.72	- .1655	- .1235	- .0817	- .0616	- .0500
1.73	- .1599	- .1181	- .0771	- .0575	- .0462
1.74	- .1542	- .1128	- .0724	- .0534	- .0425
1.75	- .1485	- .1075	- .0678	- .0493	- .0388
1.76	- .1428	- .1022	- .0633	- .0453	- .0352
1.77	- .1371	- .0969	- .0587	- .0413	- .0315
1.78	- .1315	- .0917	- .0543	- .0373	- .0280
1.79	- .1258	- .0864	- .0498	- .0334	- .0245
1.80	- .1202	- .0813	- .0454	- .0295	- .0210
1.81	- .1146	- .0761	- .0411	- .0257	- .0176
1.82	- .1090	- .0710	- .0367	- .0220	- .0142
1.83	- .1035	- .0660	- .0325	- .0182	- .0108
1.84	- .0979	- .0610	- .0283	- .0146	- .0076
1.85	- .0924	- .0560	- .0242	- .0110	- .0043
1.86	- .0870	- .0511	- .0201	- .0074	- .0011
1.87	- .0816	- .0463	- .0160	- .0039	.0020
1.88	- .0762	- .0415	- .0121	- .0005	.0050
1.89	- .0709	- .0367	- .0082	.0029	.0081
1.90	- .0656	- .0320	- .0043	.0062	.0110
1.91	- .0604	- .0274	- .0005	.0094	.0139
1.92	- .0552	- .0229	.0032	.0126	.0167
1.93	- .0501	- .0184	.0068	.0158	.0195
1.94	- .0450	- .0140	.0104	.0188	.0222
1.95	- .0400	- .0096	.0139	.0218	.0249
1.96	- .0351	- .0053	.0173	.0247	.0274
1.97	- .0303	- .0011	.0207	.0276	.0300
1.98	- .0255	.0030	.0240	.0304	.0324
1.99	- .0207	.0070	.0272	.0331	.0348
2.00	- .0161	.0110	.0303	.0358	.0371
2.01	- .0115	.0149	.0334	.0383	.0394
2.02	- .0070	.0187	.0364	.0408	.0416
2.03	- .0026	.0225	.0393	.0433	.0437
2.04	.0018	.0261	.0421	.0457	.0458
2.05	.0060	.0297	.0449	.0480	.0478
2.06	.0102	.0332	.0475	.0502	.0497
2.07	.0143	.0366	.0501	.0523	.0516
2.08	.0184	.0399	.0527	.0544	.0534
2.09	.0223	.0432	.0551	.0564	.0551
2.10	.0261	.0463	.0575	.0584	.0568
2.11	.0299	.0494	.0598	.0602	.0584
2.12	.0336	.0523	.0620	.0620	.0599
2.13	.0372	.0552	.0641	.0637	.0614
2.14	.0407	.0580	.0661	.0654	.0628
2.15	.0441	.0607	.0681	.0670	.0642
2.16	.0474	.0634	.0700	.0685	.0654
2.17	.0506	.0659	.0718	.0699	.0656
2.18	.0538	.0683	.0735	.0713	.0678
2.19	.0568	.0707	.0752	.0725	.0689
2.20	.0598	.0730	.0767	.0738	.0699
2.21	.0626	.0751	.0782	.0749	.0708
2.22	.0654	.0772	.0796	.0760	.0717
2.23	.0681	.0792	.0810	.0770	.0725
2.24	.0706	.0812	.0822	.0780	.0733
2.25	.0731	.0830	.0834	.0789	.0740

$W_3(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
2.25	-1.846	-1.387	-0.861	-0.276	.0328
2.26	-1.794	-1.334	-0.810	-0.230	.0354
2.27	-1.743	-1.282	-0.760	-0.184	.0400
2.28	-1.691	-1.230	-0.709	-0.140	.0434
2.29	-1.639	-1.178	-0.660	-0.096	.0468
2.30	-1.587	-1.126	-0.610	-0.053	.0500
2.31	-1.535	-1.074	-0.562	-0.010	.0532
2.32	-1.483	-1.023	-0.514	0.032	.0563
2.33	-1.431	-0.972	-0.466	0.072	.0593
2.34	-1.379	-0.923	-0.419	0.112	.0622
2.35	-1.327	-0.871	-0.373	0.152	.0650
2.36	-1.275	-0.821	-0.327	0.190	.0677
2.37	-1.223	-0.772	-0.282	0.228	.0703
2.38	-1.172	-0.723	-0.238	0.264	.0728
2.39	-1.120	-0.674	-0.194	0.300	.0752
2.40	-1.069	-0.626	-0.151	0.335	.0775
2.41	-1.018	-0.578	-0.109	0.369	.0798
2.42	-0.968	-0.531	-0.067	0.402	.0819
2.43	-0.918	-0.485	-0.026	0.435	.0840
2.44	-0.868	-0.439	0.014	0.466	.0859
2.45	-0.818	-0.393	0.053	0.497	.0878
2.46	-0.769	-0.348	0.092	0.586	.0895
2.47	-0.721	-0.304	0.129	0.555	.0912
2.48	-0.672	-0.261	0.166	0.583	.0928
2.49	-0.625	-0.218	0.203	0.610	.0943
2.50	-0.577	-0.175	0.238	0.636	.0957
2.51	-0.531	-0.134	0.272	0.661	.0971
2.52	-0.484	-0.093	0.306	0.685	.0983
2.53	-0.439	-0.053	0.339	0.709	.0996
2.54	-0.394	-0.013	0.371	0.731	1.005
2.55	-0.349	0.025	0.402	0.753	1.015
2.56	-0.305	0.063	0.433	0.774	1.024
2.57	-0.262	0.101	0.462	0.793	1.032
2.58	-0.219	0.137	0.491	0.818	1.039
2.59	-0.177	0.173	0.519	0.830	1.046
2.60	-0.136	0.208	0.545	0.847	1.052
2.61	-0.096	0.242	0.571	0.864	1.057
2.62	-0.056	0.275	0.597	0.879	1.061
2.63	-0.017	0.307	0.621	0.894	1.064
2.64	0.022	0.339	0.644	0.907	1.067
2.65	0.060	0.370	0.667	0.920	1.069
2.66	0.097	0.400	0.689	0.932	1.070
2.67	0.133	0.429	0.710	0.943	1.070
2.68	0.168	0.458	0.730	0.954	1.070
2.69	0.083	0.485	0.749	0.963	1.069
2.70	0.237	0.512	0.767	0.978	1.068
2.71	0.270	0.538	0.785	0.980	1.066
2.72	0.308	0.563	0.801	0.987	1.063
2.73	0.333	0.587	0.817	0.993	1.059
2.74	0.364	0.610	0.832	0.999	1.055
2.75	0.394	0.633	0.846	1.004	1.050
2.76	0.423	0.654	0.860	1.008	1.045
2.77	0.451	0.675	0.872	1.011	1.039
2.78	0.478	0.695	0.884	1.014	1.033
2.79	0.505	0.714	0.895	1.016	1.026
2.80	0.531	0.733	0.905	1.017	1.018
2.81	0.555	0.750	0.914	1.018	1.010
2.82	0.579	0.767	0.923	1.018	1.002
2.83	0.603	0.783	0.931	1.017	0.993
2.84	0.625	0.798	0.938	1.016	0.983
2.85	0.647	0.812	0.944	1.014	0.973
2.86	0.667	0.826	0.950	1.011	0.963
2.87	0.687	0.838	0.955	1.008	0.952
2.88	0.706	0.850	0.959	1.004	0.941
2.89	0.724	0.861	0.962	1.000	0.929
2.90	0.742	0.872	0.965	0.995	0.917
2.91	0.758	0.881	0.967	0.989	0.905
2.92	0.774	0.890	0.959	0.983	0.892
2.93	0.789	0.898	0.970	0.977	0.879
2.94	0.804	0.906	0.970	0.970	0.866
2.95	0.817	0.912	0.969	0.962	0.852
2.96	0.830	0.918	0.968	0.954	0.838
2.97	0.841	0.923	0.966	0.945	0.824
2.98	0.853	0.928	0.964	0.937	0.810
2.99	0.863	0.932	0.961	0.927	0.795
3.00	0.872	0.935	0.958	0.918	0.780

$W_3(x, r)$

X \ Y	3.0	4.0	6.0	8.0	10.0
2.25	.0731	.0830	.0834	.0789	.0740
2.26	.0755	.0847	.0845	.0797	.0747
2.27	.0778	.0864	.0856	.0804	.0752
2.28	.0800	.0880	.0865	.0811	.0758
2.29	.0821	.0895	.0874	.0817	.0762
2.30	.0842	.0909	.0882	.0823	.0767
2.31	.0861	.0922	.0890	.0828	.0770
2.32	.0879	.0934	.0897	.0836	.0773
2.33	.0897	.0946	.0903	.0839	.0776
2.34	.0914	.0956	.0908		.0777
2.35	.0929	.0966	.0913	.0841	.0779
2.36	.0944	.0975	.0917	.0843	.0780
2.37	.0958	.0984	.0920	.0845	.0780
2.38	.0971	.0991	.0923	.0845	.0780
2.39	.0983	.0998	.0925	.0846	.0779
2.40	.0995	1.004	.0927	.0845	.0778
2.41	1.005	1.009	.0927	.0844	.0776
2.42	1.015	1.014	.0928	.0843	.0774
2.43	1.024	1.017	.0927	.0841	.0772
2.44	1.032	1.020	.0926	.0839	.0769
2.45	1.039	1.023	.0925	.0836	.0765
2.46	1.046	1.024	.0923	.0833	.0762
2.47	1.051	1.025	.0920	.0829	.0757
2.48	1.056	1.026	.0917	.0824	.0753
2.49	1.060	1.025	.0913	.0820	.0748
2.50	1.063	1.024	.0909	.0815	.0742
2.51	1.066	1.022	.0904	.0809	.0736
2.52	1.068	1.020	.0899	.0803	.0730
2.53	1.069	1.017	.0893	.0797	.0724
2.54	1.069	1.014	.0887	.0790	.0717
2.55	1.069	1.010	.0880	.0783	.0709
2.56	1.068	1.005	.0873	.0775	.0702
2.57	1.067	1.000	.0866	.0767	.0694
2.58	1.064	.9994	.0858	.0759	.0686
2.59	1.061	.9988	.0850	.0750	.0677
2.60	1.058	.9981	.0841	.0741	.0669
2.61	1.054	.9974	.0832	.0732	.0660
2.62	1.049	.9966	.0822	.0723	.0651
2.63	1.044	.9957	.0813	.0713	.0641
2.64	1.038	.9949	.0803	.0703	.0631
2.65	1.031	.9940	.0793	.0692	.0621
2.66	1.024	.9930	.0781	.0683	.0611
2.67	1.017	.9920	.0770	.0671	.0601
2.68	1.009	.9910	.0759	.0660	.0590
2.69	1.000	.9899	.0747	.0649	.0580
2.70	.0991	.0888	.0736	.0637	.0569
2.71	.0982	.0876	.0723	.0626	.0556
2.72	.0972	.0864	.0711	.0614	.0547
2.73	.0961	.0852	.0698	.0602	.0535
2.74	.0951	.0839	.0686	.0590	.0524
2.75	.0939	.0827	.0673	.0577	.0512
2.76	.0928	.0813	.0659	.0565	.0500
2.77	.0916	.0800	.0646	.0552	.0489
2.78	.0904	.0786	.0633	.0539	.0477
2.79	.0891	.0773	.0619	.0527	.0465
2.80	.0878	.0758	.0605	.0514	.0453
2.81	.0865	.0744	.0591	.0501	.0441
2.82	.0851	.0729	.0577	.0488	.0428
2.83	.0837	.0715	.0563	.0475	.0416
2.84	.0823	.0700	.0549	.0461	.0404
2.85	.0808	.0685	.0534	.0448	.0392
2.86	.0794	.0669	.0520	.0435	.0379
2.87	.0779	.0654	.0505	.0421	.0367
2.88	.0764	.0638	.0491	.0408	.0355
2.89	.0748	.0623	.0476	.0395	.0342
2.90	.0733	.0607	.0468	.0381	.0330
2.91	.0717	.0591	.0447	.0368	.0318
2.92	.0701	.0575	.0432	.0355	.0306
2.93	.0685	.0559	.0418	.0341	.0293
2.94	.0669	.0543	.0403	.0328	.0281
2.95	.0652	.0527	.0389	.0315	.0269
2.96	.0636	.0511	.0374	.0302	.0257
2.97	.0620	.0495	.0359	.0289	.0245
2.98	.0603	.0479	.0345	.0276	.0233
2.99	.0586	.0462	.0331	.0263	.0221
3.00	.0570	.0446	.0316	.0250	.0209

$W_3(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
3.00	.0872	.0935	.0958	.0918	.0780
3.01	.0881	.0937	.0954	.0907	.0765
3.02	.0889	.0939	.0949	.0897	.0749
3.03	.0897	.0940	.0944	.0886	.0734
3.04	.0903	.0941	.0939	.0874	.0718
3.05	.0909	.0941	.0938	.0863	.0708
3.06	.0914	.0940	.0926	.0851	.0686
3.07	.0919	.0939	.0919	.0838	.0670
3.08	.0923	.0937	.0911	.0826	.0653
3.09	.0926	.0935	.0903	.0813	.0637
3.10	.0929	.0938	.0895	.0799	.0620
3.11	.0930	.0928	.0886	.0786	.0604
3.12	.0932	.0924	.0877	.0772	.0587
3.13	.0932	.0919	.0867	.0758	.0570
3.14	.0932	.0914	.0857	.0744	.0554
3.15	.0932	.0909	.0847	.0730	.0537
3.16	.0930	.0903	.0836	.0715	.0520
3.17	.0929	.0896	.0825	.0700	.0503
3.18	.0926	.0889	.0814	.0685	.0486
3.19	.0923	.0882	.0802	.0670	.0469
3.20	.0920	.0874	.0790	.0655	.0452
3.21	.0916	.0866	.0778	.0639	.0436
3.22	.0911	.0857	.0765	.0624	.0419
3.23	.0906	.0848	.0753	.0608	.0402
3.24	.0901	.0838	.0740	.0593	.0385
3.25	.0895	.0828	.0726	.0577	.0369
3.26	.0888	.0818	.0713	.0561	.0358
3.27	.0881	.0808	.0699	.0545	.0336
3.28	.0874	.0797	.0685	.0529	.0319
3.29	.0866	.0786	.0671	.0513	.0303
3.30	.0858	.0774	.0657	.0497	.0287
3.31	.0850	.0763	.0643	.0481	.0271
3.32	.0841	.0751	.0628	.0465	.0255
3.33	.0831	.0738	.0613	.0449	.0239
3.34	.0822	.0726	.0599	.0433	.0224
3.35	.0812	.0713	.0584	.0417	.0208
3.36	.0801	.0700	.0569	.0401	.0193
3.37	.0790	.0687	.0554	.0386	.0178
3.38	.0779	.0674	.0539	.0369	.0163
3.39	.0768	.0660	.0524	.0353	.0148
3.40	.0756	.0646	.0508	.0337	.0134
3.41	.0745	.0633	.0493	.0321	.0119
3.42	.0733	.0619	.0478	.0306	.0105
3.43	.0720	.0604	.0462	.0290	.0091
3.44	.0708	.0590	.0447	.0275	.0077
3.45	.0695	.0576	.0438	.0260	.0064
3.46	.0688	.0561	.0416	.0245	.0051
3.47	.0669	.0547	.0401	.0230	.0037
3.48	.0658	.0532	.0386	.0215	.0025
3.49	.0642	.0518	.0371	.0200	.0012
3.50	.0628	.0503	.0356	.0186	-.0001
3.51	.0614	.0488	.0340	.0171	-.0013
3.52	.0600	.0473	.0325	.0157	-.0025
3.53	.0586	.0458	.0311	.0143	-.0036
3.54	.0572	.0443	.0296	.0129	-.0048
3.55	.0557	.0429	.0281	.0115	-.0059
3.56	.0543	.0414	.0266	.0102	-.0070
3.57	.0528	.0399	.0252	.0088	-.0081
3.58	.0514	.0384	.0237	.0075	-.0091
3.59	.0499	.0369	.0223	.0062	-.0101
3.60	.0485	.0354	.0209	.0050	-.0111
3.61	.0470	.0340	.0195	.0037	-.0121
3.62	.0455	.0325	.0181	.0025	-.0130
3.63	.0440	.0311	.0167	.0013	-.0139
3.64	.0426	.0296	.0153	.0001	-.0148
3.65	.0411	.0282	.0140	-.0011	-.0157
3.66	.0396	.0267	.0127	-.0020	-.0165
3.67	.0382	.0253	.0113	-.0033	-.0173
3.68	.0367	.0239	.0100	-.0044	-.0181
3.69	.0358	.0225	.0088	-.0055	-.0189
3.70	.0338	.0211	.0075	-.0065	-.0196
3.71	.0323	.0197	.0063	-.0076	-.0203
3.72	.0309	.0184	.0051	-.0086	-.0210
3.73	.0294	.0170	.0039	-.0095	-.0216
3.74	.0280	.0157	.0027	-.0105	-.0222
3.75	.0266	.0144	.0015	-.0114	-.0228

$W_3(x, r)$

$X \setminus T$	3.0	4.0	6.0	8.0	10.0
3.00	.0570	.0446	.0316	.0250	.0209
3.01	.0553	.0430	.0302	.0237	.0198
3.02	.0536	.0414	.0288	.0224	.0186
3.03	.0519	.0398	.0273	.0211	.0175
3.04	.0502	.0382	.0259	.0199	.0163
3.05	.0485	.0366	.0245	.0186	.0152
3.06	.0469	.0350	.0232	.0174	.0141
3.07	.0452	.0334	.0218	.0162	.0130
3.08	.0435	.0318	.0204	.0150	.0119
3.09	.0418	.0303	.0191	.0138	.0108
3.10	.0401	.0287	.0177	.0126	.0097
3.11	.0385	.0272	.0164	.0114	.0087
3.12	.0368	.0257	.0151	.0103	.0076
3.13	.0352	.0241	.0138	.0092	.0066
3.14	.0335	.0226	.0125	.0080	.0056
3.15	.0319	.0211	.0113	.0069	.0046
3.16	.0303	.0197	.0100	.0058	.0036
3.17	.0287	.0182	.0088	.0048	.0027
3.18	.0271	.0168	.0076	.0037	.0017
3.19	.0255	.0153	.0064	.0027	.0008
3.20	.0239	.0139	.0052	.0017	-.0001
3.21	.0223	.0125	.0041	.0007	-.0010
3.22	.0208	.0111	.0029	-.0013	-.0019
3.23	.0193	.0098	.0018	-.0003	-.0027
3.24	.0178	.0085	.0007	-.0022	-.0036
3.25	.0163	.0071	-.0004	-.0032	-.0044
3.26	.0148	.0058	-.0014	-.0041	-.0052
3.27	.0134	.0046	-.0025	-.0050	-.0060
3.28	.0119	.0033	-.0035	-.0058	-.0068
3.29	.0105	.0021	-.0045	-.0067	-.0075
3.30	.0091	.0009	-.0054	-.0075	-.0082
3.31	.0077	-.0003	-.0064	-.0083	-.0089
3.32	.0064	-.0015	-.0073	-.0091	-.0096
3.33	.0050	-.0026	-.0082	-.0098	-.0103
3.34	.0037	-.0037	-.0091	-.0106	-.0110
3.35	.0024	-.0048	-.0099	-.0113	-.0116
3.36	.0012	-.0059	-.0108	-.0120	-.0122
3.37	-.0001	-.0070	-.0116	-.0127	-.0128
3.38	-.0013	-.0080	-.0124	-.0134	-.0134
3.39	-.0025	-.0090	-.0131	-.0140	-.0139
3.40	-.0036	-.0099	-.0139	-.0146	-.0145
3.41	-.0048	-.0109	-.0146	-.0152	-.0150
3.42	-.0059	-.0118	-.0153	-.0158	-.0155
3.43	-.0070	-.0127	-.0160	-.0163	-.0160
3.44	-.0081	-.0136	-.0166	-.0169	-.0164
3.45	-.0091	-.0144	-.0173	-.0174	-.0169
3.46	-.0101	-.0152	-.0179	-.0179	-.0173
3.47	-.0111	-.0160	-.0185	-.0183	-.0177
3.48	-.0121	-.0168	-.0190	-.0188	-.0181
3.49	-.0130	-.0176	-.0195	-.0192	-.0184
3.50	-.0139	-.0183	-.0201	-.0196	-.0188
3.51	-.0148	-.0190	-.0206	-.0200	-.0191
3.52	-.0157	-.0196	-.0210	-.0204	-.0194
3.53	-.0165	-.0203	-.0215	-.0207	-.0197
3.54	-.0173	-.0209	-.0219	-.0211	-.0200
3.55	-.0181	-.0215	-.0223	-.0214	-.0202
3.56	-.0189	-.0221	-.0227	-.0216	-.0204
3.57	-.0196	-.0226	-.0230	-.0219	-.0207
3.58	-.0203	-.0231	-.0234	-.0223	-.0209
3.59	-.0210	-.0236	-.0237	-.0224	-.0210
3.60	-.0216	-.0241	-.0240	-.0226	-.0212
3.61	-.0222	-.0245	-.0242	-.0228	-.0214
3.62	-.0228	-.0249	-.0245	-.0230	-.0215
3.63	-.0234	-.0253	-.0247	-.0231	-.0216
3.64	-.0239	-.0257	-.0249	-.0233	-.0217
3.65	-.0245	-.0261	-.0251	-.0234	-.0218
3.66	-.0249	-.0264	-.0253	-.0235	-.0219
3.67	-.0254	-.0267	-.0255	-.0236	-.0220
3.68	-.0259	-.0270	-.0256	-.0237	-.0220
3.69	-.0263	-.0272	-.0257	-.0237	-.0220
3.70	-.0267	-.0274	-.0258	-.0238	-.0220
3.71	-.0270	-.0277	-.0259	-.0238	-.0220
3.72	-.0274	-.0278	-.0259	-.0238	-.0220
3.73	-.0277	-.0280	-.0260	-.0238	-.0219
3.74	-.0280	-.0282	-.0260	-.0237	-.0219
3.75	-.0282	-.0283	-.0260	-.0237	-.0218

$W_3(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.75	.0266	.0144	.0015	-.0114	-.0228
3.76	.0252	.0131	.0004	-.0123	-.0234
3.77	.0238	.0118	-.0007	-.0132	-.0239
3.78	.0224	.0105	-.0018	-.0140	-.0244
3.79	.0210	.0093	-.0029	-.0148	-.0249
3.80	.0197	.0081	-.0039	-.0156	-.0254
3.81	.0183	.0068	-.0050	-.0164	-.0258
3.82	.0170	.0057	-.0060	-.0171	-.0263
3.83	.0157	.0045	-.0069	-.0179	-.0266
3.84	.0144	.0033	-.0079	-.0186	-.0270
3.85	.0131	.0022	-.0088	-.0192	-.0273
3.86	.0118	.0011	-.0097	-.0199	-.0277
3.87	.0105	-.0000	-.0106	-.0205	-.0280
3.88	.0093	-.0011	-.0115	-.0211	-.0288
3.89	.0081	-.0022	-.0123	-.0217	-.0285
3.90	.0069	-.0032	-.0131	-.0222	-.0287
3.91	.0057	-.0042	-.0139	-.0227	-.0289
3.92	.0045	-.0052	-.0147	-.0232	-.0291
3.93	.0034	-.0061	-.0154	-.0237	-.0292
3.94	.0022	-.0071	-.0162	-.0241	-.0294
3.95	.0011	-.0080	-.0168	-.0245	-.0295
3.96	.0001	-.0089	-.0175	-.0249	-.0296
3.97	-.0010	-.0098	-.0182	-.0253	-.0296
3.98	-.0021	-.0106	-.0188	-.0257	-.0297
3.99	-.0031	-.0115	-.0194	-.0260	-.0297
4.00	-.0041	-.0123	-.0199	-.0263	-.0297
4.01	-.0051	-.0130	-.0205	-.0266	-.0297
4.02	-.0060	-.0138	-.0210	-.0268	-.0297
4.03	-.0070	-.0145	-.0215	-.0271	-.0296
4.04	-.0079	-.0152	-.0220	-.0273	-.0295
4.05	-.0088	-.0159	-.0224	-.0275	-.0295
4.06	-.0096	-.0166	-.0229	-.0276	-.0294
4.07	-.0105	-.0178	-.0233	-.0278	-.0292
4.08	-.0113	-.0179	-.0237	-.0279	-.0291
4.09	-.0121	-.0184	-.0240	-.0280	-.0289
4.10	-.0129	-.0190	-.0244	-.0281	-.0288
4.11	-.0136	-.0196	-.0247	-.0282	-.0286
4.12	-.0143	-.0201	-.0250	-.0282	-.0284
4.13	-.0151	-.0206	-.0253	-.0282	-.0282
4.14	-.0157	-.0211	-.0255	-.0283	-.0280
4.15	-.0164	-.0215	-.0257	-.0282	-.0277
4.16	-.0170	-.0219	-.0259	-.0282	-.0275
4.17	-.0176	-.0224	-.0261	-.0282	-.0272
4.18	-.0182	-.0227	-.0263	-.0281	-.0269
4.19	-.0188	-.0231	-.0264	-.0280	-.0266
4.20	-.0193	-.0235	-.0266	-.0279	-.0263
4.21	-.0199	-.0238	-.0267	-.0278	-.0260
4.22	-.0204	-.0241	-.0268	-.0277	-.0257
4.23	-.0208	-.0244	-.0268	-.0276	-.0253
4.24	-.0213	-.0246	-.0269	-.0274	-.0250
4.25	-.0217	-.0248	-.0269	-.0272	-.0246
4.26	-.0221	-.0251	-.0269	-.0270	-.0243
4.27	-.0225	-.0253	-.0269	-.0268	-.0239
4.28	-.0229	-.0254	-.0269	-.0266	-.0235
4.29	-.0232	-.0256	-.0269	-.0264	-.0231
4.30	-.0235	-.0257	-.0268	-.0261	-.0227
4.31	-.0238	-.0258	-.0267	-.0259	-.0223
4.32	-.0241	-.0259	-.0267	-.0256	-.0219
4.33	-.0244	-.0260	-.0265	-.0253	-.0215
4.34	-.0246	-.0261	-.0264	-.0251	-.0211
4.35	-.0248	-.0261	-.0263	-.0248	-.0206
4.36	-.0250	-.0261	-.0261	-.0244	-.0202
4.37	-.0252	-.0261	-.0260	-.0241	-.0198
4.38	-.0253	-.0261	-.0258	-.0238	-.0193
4.39	-.0255	-.0261	-.0256	-.0235	-.0189
4.40	-.0256	-.0261	-.0254	-.0231	-.0184
4.41	-.0257	-.0260	-.0252	-.0228	-.0180
4.42	-.0258	-.0259	-.0250	-.0224	-.0175
4.43	-.0258	-.0258	-.0247	-.0220	-.0170
4.44	-.0259	-.0257	-.0245	-.0216	-.0166
4.45	-.0259	-.0256	-.0242	-.0213	-.0161
4.46	-.0259	-.0255	-.0239	-.0209	-.0157
4.47	-.0259	-.0253	-.0237	-.0205	-.0152
4.48	-.0259	-.0252	-.0234	-.0201	-.0147
4.49	-.0258	-.0250	-.0231	-.0197	-.0142
4.50	-.0258	-.0248	-.0228	-.0192	-.0138

$W_3(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.75	- .0282	- .0283	- .0260	- .0237	- .0218
3.76	- .0285	- .0284	- .0260	- .0237	- .0218
3.77	- .0287	- .0285	- .0260	- .0236	- .0217
3.78	- .0289	- .0285	- .0259	- .0235	- .0216
3.79	- .0291	- .0286	- .0259	- .0234	- .0215
3.80	- .0292	- .0286	- .0258	- .0233	- .0213
3.81	- .0294	- .0286	- .0257	- .0232	- .0212
3.82	- .0295	- .0286	- .0256	- .0230	- .0211
3.83	- .0296	- .0286	- .0255	- .0229	- .0209
3.84	- .0296	- .0285	- .0253	- .0227	- .0207
3.85	- .0297	- .0284	- .0252	- .0226	- .0206
3.86	- .0297	- .0284	- .0250	- .0224	- .0204
3.87	- .0297	- .0283	- .0248	- .0222	- .0202
3.88	- .0297	- .0281	- .0247	- .0220	- .0200
3.89	- .0297	- .0280	- .0245	- .0218	- .0198
3.90	- .0296	- .0279	- .0243	- .0216	- .0196
3.91	- .0296	- .0277	- .0240	- .0213	- .0193
3.92	- .0295	- .0275	- .0238	- .0211	- .0191
3.93	- .0294	- .0273	- .0236	- .0208	- .0188
3.94	- .0293	- .0271	- .0233	- .0206	- .0186
3.95	- .0291	- .0269	- .0230	- .0203	- .0183
3.96	- .0290	- .0267	- .0228	- .0200	- .0181
3.97	- .0288	- .0264	- .0225	- .0198	- .0178
3.98	- .0286	- .0262	- .0222	- .0195	- .0175
3.99	- .0284	- .0259	- .0219	- .0192	- .0172
4.00	- .0282	- .0256	- .0216	- .0189	- .0169
4.01	- .0280	- .0253	- .0213	- .0186	- .0166
4.02	- .0278	- .0250	- .0209	- .0182	- .0163
4.03	- .0275	- .0247	- .0206	- .0179	- .0160
4.04	- .0272	- .0244	- .0203	- .0176	- .0157
4.05	- .0270	- .0241	- .0199	- .0173	- .0154
4.06	- .0267	- .0237	- .0196	- .0169	- .0151
4.07	- .0264	- .0234	- .0192	- .0166	- .0148
4.08	- .0261	- .0230	- .0188	- .0162	- .0145
4.09	- .0257	- .0226	- .0185	- .0159	- .0141
4.10	- .0254	- .0223	- .0181	- .0155	- .0138
4.11	- .0250	- .0219	- .0178	- .0152	- .0135
4.12	- .0247	- .0215	- .0173	- .0148	- .0131
4.13	- .0243	- .0211	- .0169	- .0145	- .0128
4.14	- .0240	- .0207	- .0166	- .0141	- .0125
4.15	- .0236	- .0203	- .0162	- .0137	- .0121
4.16	- .0232	- .0199	- .0158	- .0134	- .0118
4.17	- .0228	- .0195	- .0154	- .0130	- .0114
4.18	- .0224	- .0190	- .0150	- .0126	- .0111
4.19	- .0220	- .0186	- .0146	- .0123	- .0107
4.20	- .0216	- .0182	- .0142	- .0119	- .0104
4.21	- .0211	- .0177	- .0138	- .0115	- .0101
4.22	- .0207	- .0173	- .0134	- .0111	- .0097
4.23	- .0203	- .0169	- .0129	- .0108	- .0094
4.24	- .0198	- .0164	- .0125	- .0104	- .0090
4.25	- .0194	- .0160	- .0121	- .0100	- .0087
4.26	- .0189	- .0155	- .0117	- .0097	- .0083
4.27	- .0185	- .0151	- .0113	- .0093	- .0080
4.28	- .0180	- .0146	- .0109	- .0089	- .0077
4.29	- .0176	- .0142	- .0105	- .0085	- .0073
4.30	- .0171	- .0137	- .0101	- .0082	- .0070
4.31	- .0167	- .0133	- .0097	- .0078	- .0067
4.32	- .0162	- .0128	- .0093	- .0075	- .0063
4.33	- .0157	- .0124	- .0089	- .0071	- .0060
4.34	- .0153	- .0120	- .0085	- .0067	- .0057
4.35	- .0148	- .0115	- .0081	- .0064	- .0054
4.36	- .0143	- .0111	- .0077	- .0060	- .0050
4.37	- .0139	- .0106	- .0073	- .0057	- .0047
4.38	- .0134	- .0102	- .0069	- .0053	- .0044
4.39	- .0129	- .0097	- .0065	- .0050	- .0041
4.40	- .0125	- .0093	- .0062	- .0047	- .0038
4.41	- .0120	- .0089	- .0058	- .0043	- .0035
4.42	- .0115	- .0084	- .0054	- .0040	- .0032
4.43	- .0111	- .0080	- .0050	- .0037	- .0029
4.44	- .0106	- .0076	- .0047	- .0033	- .0026
4.45	- .0101	- .0071	- .0043	- .0030	- .0023
4.46	- .0097	- .0067	- .0039	- .0027	- .0020
4.47	- .0092	- .0063	- .0036	- .0024	- .0017
4.48	- .0088	- .0059	- .0032	- .0021	- .0015
4.49	- .0083	- .0055	- .0029	- .0018	- .0012
4.50	- .0079	- .0051	- .0026	- .0015	- .0009

$W_3(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
4.50	- .0258	- .0248	- .0228	- .0192	- .0138
4.51	- .0257	- .0246	- .0224	- .0188	- .0133
4.52	- .0256	- .0244	- .0221	- .0184	- .0128
4.53	- .0255	- .0242	- .0218	- .0180	- .0124
4.54	- .0254	- .0239	- .0214	- .0175	- .0119
4.55	- .0252	- .0237	- .0211	- .0171	- .0114
4.56	- .0251	- .0234	- .0207	- .0167	- .0110
4.57	- .0249	- .0231	- .0204	- .0162	- .0105
4.58	- .0248	- .0229	- .0200	- .0158	- .0101
4.59	- .0246	- .0226	- .0196	- .0154	- .0096
4.60	- .0244	- .0223	- .0192	- .0149	- .0091
4.61	- .0242	- .0220	- .0188	- .0145	- .0087
4.62	- .0240	- .0217	- .0184	- .0140	- .0082
4.63	- .0237	- .0213	- .0180	- .0136	- .0078
4.64	- .0235	- .0210	- .0176	- .0131	- .0074
4.65	- .0232	- .0207	- .0172	- .0127	- .0069
4.66	- .0230	- .0203	- .0168	- .0122	- .0065
4.67	- .0227	- .0200	- .0164	- .0118	- .0061
4.68	- .0224	- .0196	- .0160	- .0113	- .0056
4.69	- .0221	- .0193	- .0156	- .0109	- .0052
4.70	- .0218	- .0189	- .0152	- .0105	- .0048
4.71	- .0215	- .0185	- .0147	- .0100	- .0044
4.72	- .0212	- .0181	- .0143	- .0096	- .0040
4.73	- .0208	- .0178	- .0139	- .0091	- .0036
4.74	- .0205	- .0174	- .0135	- .0087	- .0032
4.75	- .0202	- .0170	- .0130	- .0083	- .0028
4.76	- .0198	- .0166	- .0126	- .0079	- .0024
4.77	- .0195	- .0162	- .0122	- .0074	- .0020
4.78	- .0191	- .0158	- .0118	- .0070	- .0016
4.79	- .0187	- .0154	- .0113	- .0066	- .0013
4.80	- .0184	- .0150	- .0109	- .0062	- .0009
4.81	- .0180	- .0146	- .0105	- .0058	- .0006
4.82	- .0176	- .0142	- .0101	- .0054	- .0002
4.83	- .0172	- .0137	- .0097	- .0050	.0001
4.84	- .0168	- .0133	- .0092	- .0046	.0005
4.85	- .0165	- .0129	- .0088	- .0042	.0008
4.86	- .0164	- .0125	- .0084	- .0038	.0011
4.87	- .0157	- .0121	- .0080	- .0034	.0014
4.88	- .0153	- .0117	- .0076	- .0030	.0017
4.89	- .0149	- .0113	- .0072	- .0026	.0020
4.90	- .0145	- .0109	- .0068	- .0023	.0023
4.91	- .0141	- .0104	- .0064	- .0019	.0026
4.92	- .0136	- .0100	- .0060	- .0016	.0029
4.93	- .0132	- .0096	- .0056	- .0012	.0032
4.94	- .0128	- .0092	- .0052	- .0009	.0034
4.95	- .0124	- .0088	- .0048	- .0005	.0037
4.96	- .0120	- .0084	- .0044	- .0002	.0039
4.97	- .0116	- .0080	- .0041	- .0001	.0042
4.98	- .0112	- .0076	- .0037	- .0004	.0044
4.99	- .0108	- .0072	- .0033	- .0008	.0046
5.00	- .0104	- .0068	- .0030	.0011	.0049
5.01	- .0100	- .0064	- .0026	.0014	.0051
5.02	- .0096	- .0060	- .0023	.0017	.0053
5.03	- .0092	- .0057	- .0019	.0019	.0055
5.04	- .0088	- .0053	- .0016	.0022	.0057
5.05	- .0084	- .0049	- .0012	.0025	.0058
5.06	- .0080	- .0045	- .0009	.0028	.0060
5.07	- .0076	- .0042	- .0006	.0030	.0062
5.08	- .0072	- .0038	- .0003	.0033	.0064
5.09	- .0068	- .0034	.0000	.0035	.0065
5.10	- .0064	- .0031	.0004	.0038	.0067
5.11	- .0060	- .0027	.0007	.0040	.0068
5.12	- .0056	- .0024	.0009	.0042	.0069
5.13	- .0053	- .0021	.0012	.0044	.0071
5.14	- .0049	- .0017	.0015	.0046	.0078
5.15	- .0045	- .0014	.0018	.0048	.0073
5.16	- .0042	- .0011	.0021	.0050	.0074
5.17	- .0038	- .0008	.0023	.0052	.0075
5.18	- .0034	- .0004	.0026	.0054	.0076
5.19	- .0031	- .0001	.0028	.0056	.0077
5.20	- .0027	.0002	.0031	.0057	.0077
5.21	- .0024	.0005	.0033	.0059	.0078
5.22	- .0021	.0007	.0035	.0061	.0079
5.23	- .0017	.0010	.0038	.0062	.0080
5.24	- .0014	.0013	.0040	.0064	.0080
5.25	- .0011	.0016	.0042	.0065	.0080

$W_3(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	- .0079	- .0051	- .0026	- .0015	- .0009
4.51	- .0074	- .0047	- .0019	- .0009	- .0007
4.52	- .0070	- .0043	- .0016	- .0006	- .0004
4.53	- .0066	- .0039	- .0012	- .0003	- .0001
4.54	- .0061	- .0035			
4.55	- .0057	- .0031	- .0009	- .0001	.0003
4.56	- .0053	- .0027	- .0006	.0002	.0006
4.57	- .0049	- .0024	- .0003	.0005	.0008
4.58	- .0045	- .0020	.0000	.0007	.0010
4.59	- .0041	- .0017	.0003	.0010	.0013
4.60	- .0036	- .0013	.0006	.0012	.0015
4.61	- .0033	- .0010	.0008	.0015	.0017
4.62	- .0029	- .0006	.0011	.0017	.0019
4.63	- .0025	- .0003	.0014	.0019	.0021
4.64	- .0021	.0000	.0016	.0021	.0023
4.65	- .0017	.0004	.0019	.0024	.0025
4.66	- .0014	.0007	.0021	.0026	.0027
4.67	- .0010	.0010	.0024	.0028	.0029
4.68	- .0006	.0013	.0026	.0030	.0030
4.69	- .0003	.0016	.0029	.0032	.0032
4.70	.0001	.0019	.0031	.0034	.0034
4.71	.0004	.0022	.0033	.0035	.0035
4.72	.0007	.0024	.0035	.0037	.0037
4.73	.0010	.0027	.0037	.0039	.0038
4.74	.0014	.0030	.0039	.0040	.0040
4.75	.0017	.0032	.0041	.0042	.0041
4.76	.0020	.0035	.0043	.0044	.0042
4.77	.0023	.0037	.0045	.0045	.0044
4.78	.0025	.0039	.0046	.0046	.0045
4.79	.0028	.0042	.0048	.0048	.0046
4.80	.0031	.0044	.0050	.0049	.0047
4.81	.0034	.0046	.0051	.0050	.0048
4.82	.0036	.0048	.0053	.0051	.0049
4.83	.0039	.0050	.0054	.0053	.0050
4.84	.0041	.0052	.0055	.0054	.0051
4.85	.0043	.0054	.0057	.0055	.0052
4.86	.0046	.0055	.0058	.0056	.0053
4.87	.0048	.0057	.0059	.0057	.0053
4.88	.0050	.0059	.0060	.0057	.0054
4.89	.0052	.0060	.0061	.0058	.0055
4.90	.0054	.0062	.0062	.0059	.0055
4.91	.0056	.0063	.0063	.0060	.0056
4.92	.0058	.0064	.0064	.0060	.0056
4.93	.0060	.0066	.0065	.0061	.0057
4.94	.0061	.0067	.0066	.0061	.0057
4.95	.0063	.0068	.0066	.0062	.0058
4.96	.0064	.0069	.0067	.0062	.0058
4.97	.0066	.0070	.0067	.0063	.0058
4.98	.0067	.0071	.0068	.0063	.0058
4.99	.0069	.0072	.0068	.0063	.0059
5.00	.0070	.0073	.0069	.0063	.0059
5.01	.0071	.0074	.0069	.0064	.0059
5.02	.0072	.0074	.0070	.0064	.0059
5.03	.0073	.0075	.0070	.0064	.0059
5.04	.0074	.0075	.0070	.0064	.0059
5.05	.0075	.0076	.0070	.0064	.0059
5.06	.0076	.0076	.0070	.0064	.0059
5.07	.0077	.0077	.0070	.0064	.0059
5.08	.0078	.0077	.0070	.0064	.0058
5.09	.0078	.0077	.0070	.0064	.0058
5.10	.0079	.0078	.0070	.0063	.0058
5.11	.0079	.0078	.0070	.0063	.0058
5.12	.0080	.0078	.0070	.0063	.0057
5.13	.0080	.0078	.0070	.0063	.0057
5.14	.0081	.0076	.0069	.0062	.0057
5.15	.0081	.0076	.0069	.0062	.0056
5.16	.0081	.0078	.0068	.0061	.0056
5.17	.0081	.0078	.0068	.0061	.0055
5.18	.0081	.0077	.0068	.0061	.0055
5.19	.0081	.0077	.0067	.0060	.0055
5.20	.0081	.0077	.0067	.0060	.0054
5.21	.0081	.0076	.0066	.0059	.0053
5.22	.0081	.0076	.0066	.0058	.0053
5.23	.0081	.0076	.0065	.0058	.0052
5.24	.0081	.0075	.0065	.0057	.0052
5.25	.0081	.0075	.0064	.0056	.0051

$W_3(x, r)$

x	r	1	1.1	1.25	1.5	2.0
5.25	-	.0011	.0016	.0042	.0065	.0080
5.26	-	.0008	.0018	.0044	.0066	.0081
5.27	-	.0005	.0021	.0046	.0067	.0081
5.28	-	.0002	.0023	.0048	.0068	.0081
5.29	-	.0001	.0026	.0049	.0069	.0081
5.30	-	.0004	.0028	.0051	.0070	.0082
5.31	-	.0007	.0031	.0053	.0071	.0082
5.32	-	.0010	.0033	.0054	.0072	.0082
5.33	-	.0013	.0035	.0056	.0073	.0082
5.34	-	.0015	.0037	.0058	.0074	.0082
5.35	-	.0018	.0039	.0059	.0075	.0082
5.36	-	.0021	.0041	.0060	.0075	.0081
5.37	-	.0023	.0043	.0063	.0076	.0081
5.38	-	.0026	.0045	.0063	.0076	.0081
5.39	-	.0028	.0047	.0064	.0077	.0081
5.40	-	.0030	.0049	.0065	.0077	.0080
5.41	-	.0032	.0050	.0066	.0077	.0080
5.42	-	.0035	.0052	.0067	.0078	.0079
5.43	-	.0037	.0053	.0068	.0078	.0079
5.44	-	.0039	.0055	.0069	.0078	.0078
5.45	-	.0041	.0056	.0070	.0078	.0078
5.46	-	.0043	.0058	.0070	.0078	.0077
5.47	-	.0045	.0059	.0071	.0078	.0077
5.48	-	.0046	.0060	.0072	.0078	.0076
5.49	-	.0048	.0061	.0072	.0078	.0075
5.50	-	.0050	.0063	.0073	.0078	.0074
5.51	-	.0051	.0064	.0073	.0078	.0074
5.52	-	.0053	.0065	.0073	.0077	.0073
5.53	-	.0054	.0065	.0074	.0077	.0072
5.54	-	.0056	.0066	.0074	.0077	.0071
5.55	-	.0057	.0067	.0074	.0076	.0070
5.56	-	.0058	.0068	.0074	.0076	.0069
5.57	-	.0060	.0069	.0074	.0075	.0068
5.58	-	.0061	.0069	.0075	.0075	.0067
5.59	-	.0062	.0070	.0075	.0074	.0066
5.60	-	.0063	.0070	.0074	.0074	.0065
5.61	-	.0064	.0071	.0074	.0073	.0064
5.62	-	.0065	.0071	.0074	.0073	.0063
5.63	-	.0066	.0071	.0074	.0072	.0062
5.64	-	.0066	.0072	.0074	.0071	.0061
5.65	-	.0067	.0072	.0074	.0070	.0060
5.66	-	.0068	.0072	.0073	.0070	.0058
5.67	-	.0068	.0073	.0073	.0069	.0057
5.68	-	.0069	.0072	.0073	.0068	.0056
5.69	-	.0070	.0072	.0072	.0067	.0055
5.70	-	.0070	.0072	.0072	.0066	.0054
5.71	-	.0070	.0072	.0071	.0065	.0052
5.72	-	.0071	.0072	.0071	.0064	.0051
5.73	-	.0071	.0072	.0070	.0063	.0050
5.74	-	.0071	.0072	.0069	.0062	.0049
5.75	-	.0071	.0072	.0069	.0061	.0047
5.76	-	.0072	.0071	.0068	.0060	.0046
5.77	-	.0072	.0071	.0067	.0059	.0045
5.78	-	.0072	.0071	.0067	.0058	.0045
5.79	-	.0072	.0070	.0066	.0057	.0048
5.80	-	.0072	.0070	.0065	.0056	.0041
5.81	-	.0072	.0069	.0064	.0055	.0040
5.82	-	.0071	.0069	.0063	.0054	.0038
5.83	-	.0071	.0068	.0062	.0052	.0037
5.84	-	.0071	.0068	.0062	.0051	.0036
5.85	-	.0071	.0067	.0061	.0050	.0034
5.86	-	.0070	.0066	.0060	.0049	.0033
5.87	-	.0070	.0066	.0059	.0048	.0032
5.88	-	.0070	.0065	.0058	.0046	.0031
5.89	-	.0069	.0064	.0057	.0045	.0029
5.90	-	.0069	.0064	.0056	.0044	.0028
5.91	-	.0068	.0063	.0055	.0043	.0027
5.92	-	.0068	.0062	.0054	.0042	.0025
5.93	-	.0067	.0061	.0052	.0040	.0024
5.94	-	.0067	.0060	.0051	.0039	.0023
5.95	-	.0066	.0059	.0050	.0038	.0022
5.96	-	.0065	.0059	.0049	.0037	.0020
5.97	-	.0065	.0058	.0048	.0035	.0019
5.98	-	.0064	.0057	.0047	.0034	.0018
5.99	-	.0063	.0056	.0046	.0033	.0017
6.00	-	.0062	.0055	.0045	.0032	.0016

$W_3(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
5.25	.0081	.0075	.0064	.0056	.0051
5.26	.0080	.0074	.0063	.0056	.0050
5.27	.0080	.0074	.0063	.0055	.0050
5.28	.0080	.0073	.0062	.0054	.0049
5.29	.0079	.0072	.0061	.0054	.0048
5.30	.0079	.0072	.0060	.0053	.0047
5.31	.0078	.0071	.0060	.0052	.0047
5.32	.0078	.0070	.0059	.0051	.0046
5.33	.0077	.0069	.0058	.0050	.0045
5.34	.0076	.0069	.0057	.0049	.0044
5.35	.0076	.0068	.0056	.0049	.0043
5.36	.0075	.0067	.0055	.0048	.0043
5.37	.0074	.0066	.0054	.0047	.0042
5.38	.0073	.0065	.0053	.0046	.0041
5.39	.0073	.0064	.0052	.0045	.0040
5.40	.0072	.0063	.0051	.0044	.0039
5.41	.0071	.0062	.0050	.0043	.0038
5.42	.0070	.0061	.0049	.0042	.0037
5.43	.0069	.0060	.0048	.0041	.0036
5.44	.0068	.0059	.0047	.0040	.0035
5.45	.0067	.0058	.0046	.0039	.0035
5.46	.0066	.0057	.0045	.0038	.0034
5.47	.0065	.0056	.0044	.0037	.0033
5.48	.0064	.0055	.0043	.0036	.0032
5.49	.0063	.0053	.0042	.0035	.0031
5.50	.0062	.0052	.0041	.0034	.0030
5.51	.0061	.0051	.0040	.0033	.0029
5.52	.0059	.0050	.0039	.0032	.0028
5.53	.0058	.0049	.0037	.0031	.0027
5.54	.0057	.0047	.0036	.0030	.0026
5.55	.0056	.0046	.0035	.0029	.0025
5.56	.0055	.0045	.0034	.0028	.0024
5.57	.0054	.0044	.0033	.0027	.0023
5.58	.0052	.0043	.0032	.0026	.0022
5.59	.0051	.0041	.0031	.0025	.0021
5.60	.0050	.0040	.0030	.0024	.0021
5.61	.0049	.0039	.0029	.0023	.0020
5.62	.0047	.0038	.0027	.0022	.0019
5.63	.0046	.0036	.0026	.0021	.0018
5.64	.0045	.0035	.0025	.0020	.0017
5.65	.0043	.0034	.0024	.0019	.0016
5.66	.0042	.0033	.0023	.0018	.0015
5.67	.0041	.0032	.0022	.0017	.0014
5.68	.0040	.0030	.0021	.0016	.0013
5.69	.0038	.0029	.0020	.0015	.0012
5.70	.0037	.0028	.0019	.0014	.0012
5.71	.0036	.0027	.0018	.0013	.0011
5.72	.0034	.0025	.0017	.0012	.0010
5.73	.0033	.0024	.0015	.0011	.0009
5.74	.0032	.0023	.0014	.0010	.0008
5.75	.0031	.0022	.0013	.0010	.0007
5.76	.0029	.0021	.0012	.0009	.0007
5.77	.0028	.0019	.0011	.0008	.0006
5.78	.0027	.0018	.0010	.0007	.0005
5.79	.0025	.0017	.0009	.0006	.0004
5.80	.0024	.0016	.0008	.0005	.0003
5.81	.0023	.0015	.0008	.0004	.0003
5.82	.0022	.0014	.0007	.0004	.0002
5.83	.0021	.0013	.0006	.0003	.0001
5.84	.0019	.0012	.0005	.0002	.0001
5.85	.0018	.0010	.0004	.0001	- .0000
5.86	.0017	.0009	.0003	.0000	- .0001
5.87	.0016	.0008	.0002	.0000	- .0002
5.88	.0015	.0007	.0001	.0001	- .0003
5.89	.0013	.0006	.0000	- .0008	- .0003
5.90	.0012	.0005	.0000	- .0003	- .0003
5.91	.0011	.0004	.0001	- .0003	- .0004
5.92	.0010	.0003	- .0002	- .0004	- .0005
5.93	.0009	.0002	- .0003	- .0005	- .0005
5.94	.0008	.0001	- .0004	- .0005	- .0006
5.95	.0007	- .0000	- .0004	- .0006	- .0006
5.96	.0006	- .0000	- .0005	- .0006	- .0007
5.97	.0005	- .0001	- .0006	- .0007	- .0007
5.98	.0004	- .0002	- .0006	- .0008	- .0008
5.99	.0003	- .0003	- .0007	- .0008	- .0008
6.00	.0002	- .0004	- .0008	- .0009	- .0009

$W_3(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
6.00	.0062	.0055	.0045	.0032	.0016
6.01	.0061	.0054	.0044	.0030	.0015
6.02	.0061	.0053	.0042	.0029	.0013
6.03	.0060	.0052	.0041	.0028	.0012
6.04	.0059	.0051	.0040	.0027	.0011
6.05	.0058	.0050	.0039	.0026	.0010
6.06	.0057	.0048	.0038	.0024	.0009
6.07	.0056	.0047	.0036	.0023	.0008
6.08	.0055	.0046	.0035	.0022	.0007
6.09	.0054	.0045	.0034	.0021	.0006
6.10	.0053	.0044	.0033	.0020	.0005
6.11	.0052	.0043	.0032	.0019	.0004
6.12	.0051	.0042	.0031	.0017	.0003
6.13	.0050	.0041	.0029	.0016	.0002
6.14	.0049	.0040	.0028	.0015	.0001
6.15	.0048	.0038	.0027	.0014	.0000
6.16	.0047	.0037	.0026	.0013	.0001
6.17	.0046	.0036	.0025	.0012	.0002
6.18	.0045	.0035	.0024	.0011	.0003
6.19	.0044	.0034	.0022	.0010	.0004
6.20	.0043	.0033	.0021	.0009	.0005
6.21	.0042	.0032	.0020	.0008	.0006
6.22	.0040	.0030	.0019	.0007	.0006
6.23	.0039	.0029	.0018	.0006	.0007
6.24	.0038	.0028	.0017	.0005	.0008
6.25	.0037	.0027	.0016	.0004	.0009
6.26	.0036	.0026	.0015	.0003	.0010
6.27	.0035	.0025	.0014	.0002	.0010
6.28	.0034	.0024	.0013	.0001	.0011
6.29	.0032	.0023	.0012	.0000	.0012
6.30	.0031	.0021	.0010	.0001	.0012
6.31	.0030	.0020	.0009	.0002	.0013
6.32	.0029	.0019	.0008	.0003	.0014
6.33	.0028	.0018	.0007	.0004	.0014
6.34	.0027	.0017	.0006	.0004	.0015
6.35	.0026	.0016	.0006	.0005	.0015
6.36	.0025	.0015	.0005	.0006	.0016
6.37	.0023	.0014	.0004	.0007	.0016
6.38	.0022	.0013	.0003	.0008	.0017
6.39	.0021	.0012	.0002	.0008	.0017
6.40	.0020	.0011	.0001	.0009	.0018
6.41	.0019	.0010	.0000	.0010	.0018
6.42	.0018	.0009	.0001	.0010	.0019
6.43	.0017	.0008	.0002	.0011	.0019
6.44	.0016	.0007	.0002	.0012	.0019
6.45	.0015	.0006	.0003	.0012	.0020
6.46	.0014	.0005	.0004	.0013	.0020
6.47	.0013	.0004	.0005	.0013	.0020
6.48	.0012	.0003	.0006	.0014	.0021
6.49	.0011	.0002	.0006	.0014	.0021
6.50	.0010	.0001	.0007	.0015	.0021
6.51	.0009	.0001	.0008	.0015	.0021
6.52	.0008	.0000	.0008	.0016	.0022
6.53	.0007	- .0001	.0009	.0016	.0022
6.54	.0006	- .0002	.0010	.0017	.0022
6.55	.0005	- .0003	.0010	.0017	.0022
6.56	.0004	- .0003	.0011	.0018	.0022
6.57	.0003	- .0004	.0012	.0018	.0022
6.58	.0002	- .0005	.0012	.0018	.0023
6.59	.0001	- .0006	.0013	.0019	.0023
6.60	.0001	- .0006	.0013	.0019	.0023
6.61	.0000	- .0007	.0014	.0019	.0023
6.62	.0001	- .0008	.0014	.0020	.0023
6.63	.0002	- .0008	.0015	.0020	.0023
6.64	.0003	- .0009	.0015	.0020	.0023
6.65	- .0003	- .0010	.0016	.0020	.0023
6.66	- .0004	- .0010	.0016	.0021	.0023
6.67	- .0005	- .0011	.0016	.0021	.0023
6.68	- .0006	- .0011	.0017	.0021	.0023
6.69	- .0006	- .0012	.0017	.0021	.0023
6.70	- .0007	- .0012	.0017	.0021	.0023
6.71	- .0008	- .0013	.0018	.0021	.0023
6.72	- .0008	- .0013	.0018	.0021	.0023
6.73	- .0009	- .0014	.0018	.0022	.0022
6.74	- .0010	- .0014	.0019	.0022	.0022
6.75	- .0010	- .0015	.0019	.0022	.0022

$W_3(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
6.00	.0002	-.0004	-.0008	-.0009	-.0009
6.01	.0001	-.0005	-.0008	-.0010	-.0009
6.02	0.000	-.0006	-.0009	-.0010	-.0010
6.03	-.0001	-.0007	-.0010	-.0010	-.0010
6.04	-.0002	-.0007	-.0010	-.0011	-.0011
6.05	-.0003	-.0008	-.0011	-.0011	-.0011
6.06	-.0004	-.0009	-.0011	-.0012	-.0012
6.07	-.0005	-.0009	-.0012	-.0012	-.0012
6.08	-.0006	-.0010	-.0012	-.0013	-.0012
6.09	-.0006	-.0011	-.0013	-.0013	-.0013
6.10	-.0007	-.0011	-.0013	-.0013	-.0013
6.11	-.0008	-.0012	-.0014	-.0014	-.0013
6.12	-.0009	-.0012	-.0014	-.0014	-.0014
6.13	-.0009	-.0013	-.0015	-.0014	-.0014
6.14	-.0010	-.0014	-.0015	-.0015	-.0014
6.15	-.0011	-.0014	-.0015	-.0015	-.0014
6.16	-.0012	-.0015	-.0016	-.0015	-.0015
6.17	-.0012	-.0015	-.0016	-.0016	-.0015
6.18	-.0013	-.0016	-.0017	-.0016	-.0015
6.19	-.0013	-.0016	-.0017	-.0016	-.0015
6.20	-.0014	-.0017	-.0017	-.0016	-.0016
6.21	-.0015	-.0017	-.0017	-.0017	-.0016
6.22	-.0015	-.0017	-.0018	-.0017	-.0016
6.23	-.0016	-.0018	-.0018	-.0017	-.0016
6.24	-.0016	-.0018	-.0018	-.0017	-.0016
6.25	-.0017	-.0019	-.0018	-.0017	-.0016
6.26	-.0017	-.0019	-.0019	-.0018	-.0016
6.27	-.0018	-.0020	-.0019	-.0018	-.0016
6.28	-.0018	-.0020	-.0019	-.0018	-.0017
6.29	-.0019	-.0020	-.0019	-.0018	-.0017
6.30	-.0019	-.0020	-.0019	-.0018	-.0017
6.31	-.0019	-.0020	-.0020	-.0018	-.0017
6.32	-.0020	-.0021	-.0020	-.0018	-.0017
6.33	-.0020	-.0021	-.0020	-.0018	-.0017
6.34	-.0020	-.0021	-.0020	-.0018	-.0017
6.35	-.0021	-.0021	-.0020	-.0018	-.0017
6.36	-.0021	-.0021	-.0020	-.0018	-.0017
6.37	-.0021	-.0021	-.0020	-.0018	-.0017
6.38	-.0021	-.0022	-.0020	-.0018	-.0017
6.39	-.0022	-.0022	-.0020	-.0018	-.0017
6.40	-.0022	-.0022	-.0020	-.0018	-.0017
6.41	-.0022	-.0022	-.0020	-.0018	-.0017
6.42	-.0022	-.0022	-.0020	-.0018	-.0017
6.43	-.0022	-.0022	-.0020	-.0019	-.0016
6.44	-.0022	-.0022	-.0020	-.0018	-.0016
6.45	-.0023	-.0023	-.0020	-.0018	-.0016
6.46	-.0023	-.0023	-.0020	-.0018	-.0016
6.47	-.0023	-.0023	-.0020	-.0018	-.0016
6.48	-.0023	-.0023	-.0020	-.0018	-.0016
6.49	-.0023	-.0023	-.0019	-.0017	-.0016
6.50	-.0023	-.0023	-.0019	-.0017	-.0016
6.51	-.0023	-.0023	-.0019	-.0017	-.0015
6.52	-.0023	-.0023	-.0019	-.0017	-.0015
6.53	-.0023	-.0023	-.0019	-.0017	-.0015
6.54	-.0023	-.0023	-.0019	-.0017	-.0015
6.55	-.0023	-.0023	-.0019	-.0016	-.0015
6.56	-.0023	-.0023	-.0018	-.0016	-.0015
6.57	-.0023	-.0023	-.0018	-.0016	-.0015
6.58	-.0023	-.0023	-.0018	-.0016	-.0014
6.59	-.0023	-.0023	-.0018	-.0016	-.0014
6.60	-.0023	-.0023	-.0018	-.0016	-.0014
6.61	-.0023	-.0023	-.0017	-.0015	-.0014
6.62	-.0023	-.0023	-.0017	-.0015	-.0014
6.63	-.0023	-.0023	-.0017	-.0015	-.0013
6.64	-.0023	-.0023	-.0017	-.0015	-.0013
6.65	-.0023	-.0023	-.0016	-.0014	-.0013
6.66	-.0021	-.0019	-.0016	-.0014	-.0013
6.67	-.0021	-.0019	-.0016	-.0014	-.0012
6.68	-.0021	-.0019	-.0016	-.0014	-.0012
6.69	-.0021	-.0019	-.0015	-.0013	-.0012
6.70	-.0021	-.0018	-.0015	-.0013	-.0012
6.71	-.0020	-.0018	-.0015	-.0013	-.0012
6.72	-.0020	-.0018	-.0015	-.0013	-.0011
6.73	-.0020	-.0018	-.0014	-.0012	-.0011
6.74	-.0020	-.0017	-.0014	-.0012	-.0011
6.75	-.0019	-.0017	-.0014	-.0012	-.0011

$W_3(x, r)$

X	T	1	1.1	1.25	1.5	2.0
6.75	- .0010	- .0015	- .0019	- .0022	- .0022	
6.76	- .0011	- .0015	- .0019	- .0022	- .0022	
6.77	- .0011	- .0016	- .0019	- .0022	- .0022	
6.78	- .0012	- .0016	- .0020	- .0022	- .0022	
6.79	- .0012	- .0016	- .0020	- .0022	- .0021	
6.80	- .0013	- .0017	- .0020	- .0022	- .0021	
6.81	- .0013	- .0017	- .0020	- .0022	- .0021	
6.82	- .0014	- .0017	- .0020	- .0022	- .0021	
6.83	- .0014	- .0018	- .0020	- .0022	- .0021	
6.84	- .0015	- .0018	- .0020	- .0022	- .0020	
6.85	- .0015	- .0018	- .0021	- .0022	- .0020	
6.86	- .0015	- .0018	- .0021	- .0021	- .0020	
6.87	- .0016	- .0019	- .0021	- .0021	- .0020	
6.88	- .0016	- .0019	- .0021	- .0021	- .0019	
6.89	- .0017	- .0019	- .0021	- .0021	- .0019	
6.90	- .0017	- .0019	- .0021	- .0021	- .0019	
6.91	- .0017	- .0019	- .0021	- .0021	- .0019	
6.92	- .0017	- .0020	- .0021	- .0021	- .0018	
6.93	- .0018	- .0020	- .0021	- .0020	- .0018	
6.94	- .0018	- .0020	- .0021	- .0020	- .0018	
6.95	- .0018	- .0020	- .0021	- .0020	- .0017	
6.96	- .0018	- .0020	- .0021	- .0020	- .0017	
6.97	- .0019	- .0020	- .0021	- .0020	- .0017	
6.98	- .0019	- .0020	- .0020	- .0019	- .0016	
6.99	- .0019	- .0020	- .0020	- .0019	- .0016	
7.00	- .0019	- .0020	- .0020	- .0019	- .0016	

$W_3(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
6.75	-.0019	-.0017	-.0014	-.0012	-.0011
6.76	-.0019	-.0017	-.0013	-.0012	-.0010
6.77	-.0019	-.0016	-.0013	-.0011	-.0010
6.78	-.0019	-.0016	-.0013	-.0011	-.0010
6.79	-.0018	-.0016	-.0013	-.0011	-.0010
6.80	-.0018	-.0015	-.0012	-.0010	-.0009
6.81	-.0018	-.0015	-.0012	-.0010	-.0009
6.82	-.0017	-.0015	-.0012	-.0010	-.0009
6.83	-.0017	-.0015	-.0011	-.0010	-.0008
6.84	-.0017	-.0014	-.0011	-.0009	-.0008
6.85	-.0016	-.0014	-.0011	-.0009	-.0008
6.86	-.0016	-.0014	-.0010	-.0009	-.0008
6.87	-.0016	-.0013	-.0010	-.0008	-.0007
6.88	-.0015	-.0013	-.0010	-.0008	-.0007
6.89	-.0015	-.0013	-.0010	-.0008	-.0007
6.90	-.0015	-.0012	-.0009	-.0008	-.0007
6.91	-.0014	-.0012	-.0009	-.0007	-.0006
6.92	-.0014	-.0011	-.0009	-.0007	-.0006
6.93	-.0014	-.0011	-.0008	-.0007	-.0006
6.94	-.0013	-.0011	-.0008	-.0006	-.0006
6.95	-.0013	-.0010	-.0008	-.0006	-.0005
6.96	-.0013	-.0010	-.0007	-.0006	-.0005
6.97	-.0012	-.0010	-.0007	-.0006	-.0005
6.98	-.0012	-.0009	-.0007	-.0005	-.0004
6.99	-.0012	-.0009	-.0006	-.0005	-.0004
7.00	-.0011	-.0009	-.0006	-.0005	-.0004

$W_4(x, r)$

$x \setminus r$	I	II	1.25	1.5	2.0
.00	.50000000	115932383	185593642	255155181	313778634
.01	.57545763	121861480	189813285	255593985	310124294
.02	.64928719	127580490	198595168	255802459	306305030
.03	.78142610	133086100	195739228	255783754	302386383
.04	.79181509	138375321	198645668	255541236	298193996
.05	.86039822	143445488	201315014	255078483	293913611
.06	.92712283	148294260	203748046	254399273	289491058
.07	.99193960	152919510	205945825	253507579	284938247
.08	1.05480252	157319825	207909677	258407555	280243159
.09	1.11566887	161493504	209641188	251103534	275429836
.10	1.17449924	165439548	211142196	249600014	270498375
.11	1.23125747	169157161	212414785	247901652	268454919
.12	1.28591069	172645841	213461277	246013258	260305647
.13	1.33842928	175905376	214284224	243939777	255056767
.14	1.38878663	178935841	214886402	241686293	249714509
.15	1.43695963	181737586	215270799	239258010	244285114
.16	1.48292808	184311238	215440514	236660247	236774831
.17	1.52667494	186657689	215399243	233898431	233189902
.18	1.56818626	188778091	215150274	230978087	227536563
.19	1.60745105	190673851	214697476	227904828	231681031
.20	1.64446135	192346621	214044796	224684348	216049496
.21	1.67921208	193798895	213196344	221322413	210288120
.22	1.71170105	195030998	218156391	217984855	204363084
.23	1.74192889	196047084	210929357	214197559	198450883
.24	1.76989897	196849121	209519802	210446458	192525928
.25	1.79561738	197439891	207932482	206577526	1.86565906
.26	1.81909282	197822377	206172035	208596765	1.80586137
.27	1.84033659	197999757	204243577	198510205	1.74598444
.28	1.859362849	197975400	202188092	194383889	1.68590584
.29	1.87618676	197758652	199902723	190043867	1.62586228
.30	1.89082801	197335830	197500705	185676193	1.56584968
.31	1.90330715	196728216	194951358	181286912	1.505928282
.32	1.91364733	195934048	1928260075	176702055	1.44613588
.33	1.92187384	194957511	189432318	178107634	1.38654158
.34	1.92801407	193802930	186473607	167449632	1.38719199
.35	1.93209741	192474762	183389515	162733998	1.26813783
.36	1.934215519	190977586	180185656	157966642	1.20942878
.37	1.934222056	189316097	176867684	153153428	1.15111313
.38	1.932328499	187495098	173441277	148300149	1.09323888
.39	1.98851561	185519490	169918138	143412571	1.03585015
.40	1.922282020	1833394266	166285980	138496371	97899348
.41	1.915282026	181124504	162568526	133557164	92271148
.42	1.90594844	178715355	158765496	1288600486	86704633
.43	1.89484399	176172038	154882602	1283631794	81203866
.44	1.88203065	173499835	150925545	118656459	75772771
.45	1.86754758	170704076	146900002	113679760	.70415136
.46	1.85144108	167790139	142811624	108706882	.65134601
.47	1.83375850	164763440	138666027	103742910	.59934665
.48	1.81454819	161629422	134468791	987928285	.54818678
.49	1.793838593	158393553	130225446	93861499	.49789844
.50	1.77174217	155061317	125941473	.88953695	.44851217
.51	1.74824735	151638206	121682297	.84074060	.40005703
.52	1.72342639	148129715	117273877	.79287121	.35256056
.53	1.69733140	144541332	112899708	.74417287	.30604881
.54	1.67001494	140878538	108506812	.69648841	.26054631
.55	1.64153008	137146791	104099730	.64925938	.21607608
.56	1.61193022	133351530	.99683527	.60252605	.17265964
.57	1.581266905	129498160	.95263175	.55632736	.13031699
.58	1.54960053	125592054	.90843561	.51070095	.08906664
.59	1.51697873	121638539	.86429473	.46568305	.04892559
.60	1.48345785	117642898	.88025602	.42130856	.00990936
.61	1.44909206	113610360	.77636538	.37761098	-.08796799
.62	1.41393554	109546095	.73266762	.33462839	-.06469398
.63	1.37804232	1054558213	.68920649	.29237350	-.10085788
.64	1.34146627	101342754	.64602461	.25089358	-.13464841
.65	1.30426102	97213683	.60316344	.81081046	-.16785906
.66	1.26647991	.93072803	.56066328	.17035056	-.1988237
.67	1.22817592	.88928198	.51856321	.13133887	-.23071289
.68	1.18940163	.84775302	.47690110	.09319893	-.26034683
.69	1.15020914	.80627857	.43571358	.05595285	-.28878057
.70	1.11065004	.76487398	.39503601	.01962130	-.31601358
.71	1.07077533	.72358367	.35490247	-.01577644	-.34204546
.72	1.03063542	.68245108	.31534574	-.05082858	-.36687739
.73	.99028002	.64151859	.27639730	-.08370070	-.39051177
.74	.94975814	.60082753	.23808730	-.11619578	-.41295227
.75	.90911602	.56041813	.20044459	-.14769423	-.43420375

$W_4(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
.00	3.31976404	3.20312500	2.88325355	2.61298052	2.39937817
.01	3.24855933	3.12082003	2.79771890	2.53048695	2.38093668
.02	3.17679513	3.03855306	2.71274848	2.44874908	2.24332910
.03	3.10452899	2.95637440	2.62838054	2.36779769	2.16657523
.04	3.03181847	2.87433406	2.54465281	2.28766271	2.09070234
.05	2.95872113	2.79248168	2.46160244	2.20837394	2.01573511
.06	2.88529445	2.71066648	2.37926601	2.12996085	1.94169763
.07	2.81159571	2.62953720	2.29767942	2.05244993	1.86861334
.08	2.73768199	2.54854202	2.21687789	1.97587057	1.79650504
.09	2.66361005	2.46792852	2.13689591	1.90024906	1.72539479
.10	2.58943626	2.38774365	2.05276719	1.82561148	1.65530398
.11	2.51521658	2.30803363	1.97952464	1.75198317	1.58625320
.12	2.44100546	2.22884395	1.90220031	1.67938863	1.51826831
.13	2.36686080	2.15021988	1.82582538	1.60785152	1.45135037
.14	2.29283384	2.07220344	1.75043012	1.53739462	1.38553559
.15	2.21897919	1.99483935	1.67604384	1.46803984	1.38083541
.16	2.14534970	1.91816902	1.60269490	1.39980817	1.25726635
.17	2.07199741	1.84223345	1.53041066	1.33271964	1.19484412
.18	1.99897356	1.76707265	1.45921745	1.26679337	1.13358358
.19	1.93632846	1.69272556	1.38914055	1.20204748	1.07349845
.20	1.85411150	1.61923005	1.32020418	1.13849912	1.01460191
.21	1.78837107	1.54662285	1.25243148	1.07616444	95690600
.22	1.71115454	1.47493955	1.18584447	1.01505856	90042186
.23	1.64050820	1.40242148	1.12046407	95519562	84515972
.24	1.57047723	1.33448111	1.05631004	89658868	.79112886
.25	1.50110566	1.26577116	99340102	83924982	.73833763
.26	1.432843633	1.19811543	93175447	.78319002	.68679340
.27	1.36451087	1.13154338	87138670	.72841926	.63650262
.28	1.29736964	1.06608318	81231284	.67494643	.58747078
.29	1.23105175	1.00176168	75454683	.62277941	.53970241
.30	1.16559498	.93860442	.69810143	.57192499	.49320111
.31	1.10103578	.87663560	.64298824	.58238894	.44796951
.32	1.03740925	.81587807	.58921764	.47417596	.40400932
.33	97474912	.75635333	.53679883	.42728972	.36132131
.34	91308772	.69808154	.48573984	.38173285	.31990531
.35	.85245598	.64108146	.43604751	.33750694	.27976024
.36	.79288338	.58537051	.38772750	.29461258	.24088410
.37	.73439800	.53096471	.34078431	.25304931	.20327400
.38	.67702643	.47787875	.29522129	.21281570	.16698615
.39	.62079385	.42612591	.25104061	.17390930	.13183588
.40	.56572395	.37571814	.20824332	.136324671	.09799765
.41	.51183894	.32666602	.16682934	.10006353	.06540508
.42	.45915961	.27897876	.12679747	.06511444	.03405093
.43	.40770522	.23266425	.08814541	.03147316	.00392717
.44	.35749362	.18772904	.05086978	.00086749	.02497505
.45	.30854113	.14417836	.01496611	.03191562	.05266540
.46	.26086267	.10261612	.01957108	.06168019	.07915427
.47	.21447166	.06124494	.05274834	.09017105	.10445283
.48	.16938010	.02186617	.02457323	.11739889	.12857298
.49	.12559854	.01612010	.11505428	.14337522	.15152734
.50	.08313610	-.05271506	-.14420100	-.16811234	-.173328919
.51	.04800048	-.06792107	-.17202386	-.19162335	-.19399253
.52	.00219801	-.12174173	-.19853424	-.21392811	.21353197
.53	-.03626638	-.15418188	-.22374442	-.235082380	.23196276
.54	-.07338915	-.16524726	-.24766757	-.25494193	.24930077
.55	-.10916809	-.21494513	-.27031771	-.27369426	-.265556244
.56	-.14360231	-.24388360	-.29170966	-.29129687	-.28076475
.57	-.17669224	-.27027194	-.31859068	-.307766701	-.29492826
.58	-.20843960	-.29592046	-.33078235	-.32318261	-.30806200
.59	-.23884736	-.32024054	-.34849665	-.33738212	-.32019351
.60	-.26791974	-.34324451	-.36501983	-.35056460	-.33133879
.61	-.29566217	-.36494572	-.38037046	-.36268962	-.34151726
.62	-.38208127	-.38535844	-.39456774	-.37377726	-.35074880
.63	-.34718481	-.40449786	-.40763152	-.38384808	-.35905362
.64	-.37098170	-.42823807	-.41958284	-.39298309	-.36645234
.65	-.39348195	-.43908199	-.43044092	-.40102372	-.37296590
.66	-.41469666	-.45444137	-.44022912	-.40817182	-.37861555
.67	-.43463793	-.46865675	-.44896889	-.41438959	-.38342885
.68	-.45331891	-.48168744	-.45668280	-.41969958	-.38740960
.69	-.47075372	-.49355345	-.46339382	-.42412465	-.39059786
.70	-.48695741	-.50427549	-.46912540	-.42768797	-.39300989
.71	-.50194597	-.51387494	-.47390138	-.43041295	-.39466815
.72	-.51573624	-.52237380	-.47774577	-.43232324	-.395589526
.73	-.58834594	-.52979464	-.48068324	-.43344271	-.39581398
.74	-.53979358	-.53616061	-.48273854	-.43379541	-.39534781
.75	-.55009845	-.54149539	-.48393678	-.43340552	-.39421791

<i>x</i>	<i>r</i>	I	I.I	1.25	1.5	2.0
.75		.90911808	.56041813	.20044459	-.14769423	-.43480375
.76		.86840711	.52032895	.16349564	-.17818383	-.45427223
.77		.82767199	.48059964	.12728696	-.20765373	-.47316487
.78		.78695838	.44126533	.09178331	-.23609444	-.49088994
.79		.74631107	.40236817	.05707618	-.26349788	-.50745682
.80		.70577389	.36392460	.08315533	-.28985705	-.52887590
.81		.66538969	.38598579	-.0095347	-.31516662	-.53715861
.82		.62520028	.28857769	-.04223084	-.33942229	-.55031738
.83		.58524645	.25173101	-.07326587	-.36262113	-.56236556
.84		.54556786	.21547518	-.10422031	-.38476141	-.57331744
.85		.50620316	.17983837	-.13390029	-.40584264	-.58318819
.86		.46718975	.14484746	-.16268455	-.42586555	-.59199384
.87		.42856397	.11052805	-.19056033	-.44483201	-.59975181
.88		.39036095	.07690445	-.17186116	-.46274806	-.60647792
.89		.35261463	.04399969	-.24354185	-.47960885	-.51219234
.90		.31535778	.01183547	-.26862850	-.49542863	-.51691354
.91		.27862190	-.01956775	-.29276847	-.51021073	-.58066127
.92		.24243729	-.05019086	-.31595534	-.52396249	-.52345598
.93		.20683299	-.08001604	-.33818394	-.53669829	-.52531847
.94		.17183680	-.10902669	-.35945028	-.54840947	-.52687048
.95		.13747524	-.13720753	-.37975158	-.55912431	-.58633405
.96		.10377358	-.16454454	-.39908621	-.56884802	-.52553176
.97		.07075580	.19102499	-.41754368	-.57759871	-.52388665
.98		.03844461	.21663735	-.43485464	-.58537131	-.52142220
.99		.00686145	-.24137138	-.45129081	-.59219759	-.51816287
1.00		-.02397351	-.26521802	-.46676501	-.590808611	-.61413109
1.01		-.05404141	-.28816945	-.48128109	-.60305218	-.60935319
1.02		-.08332463	-.31028190	-.49484333	-.60711184	-.60385339
1.03		-.11180681	-.33136132	-.50745939	-.61028181	-.59765678
1.04		-.13947287	-.35159203	-.51913438	-.61257946	-.59078866
1.05		-.16630897	-.37090800	-.52987650	-.61402281	-.58387451
1.06		-.19230253	-.38830720	-.52969462	-.61463043	-.57513997
1.07		-.21744218	-.40678873	-.54859826	-.61442147	-.56641080
1.08		-.24171779	-.42833874	-.55659783	-.61341559	-.55711285
1.09		-.36512043	-.43900045	-.56370460	-.61163296	-.54727202
1.10		-.28764237	-.45573411	-.56993060	-.60909417	-.53691426
1.11		-.30927704	-.46755700	-.57528865	-.60582025	-.52606550
1.12		-.33001906	-.48047337	-.57979229	-.60183261	-.51475164
1.13		-.34986419	-.49248844	-.58345575	-.59715530	-.50899851
1.14		-.36880930	-.50360836	-.58628934	-.59180360	-.49083186
1.15		-.38685237	-.51384020	-.58832243	-.58580670	-.47827738
1.16		-.40399250	-.52319190	-.58955736	-.57918496	-.46536050
1.17		-.42022983	-.53167827	-.59001548	-.57196126	-.45210657
1.18		-.43556553	-.53929094	-.58971404	-.56415864	-.43854078
1.19		-.45000182	-.54605834	-.58867086	-.55580034	-.42468786
1.20		-.46354191	-.55198567	-.58690419	-.54690972	-.41057266
1.21		-.476190	-.557085	-.584433	-.537510	-.396220
1.22		-.487951	-.561369	-.581276	-.527625	-.381653
1.23		-.498832	-.564850	-.577453	-.517279	-.366896
1.24		-.508838	-.567544	-.572983	-.506494	-.351978
1.25		-.517978	-.569463	-.567888	-.495295	-.336905
1.26		-.526861	-.570625	-.568187	-.483704	-.321718
1.27		-.533696	-.571044	-.555901	-.471747	-.306432
1.28		-.540294	-.570736	-.549052	-.459444	-.291069
1.29		-.546065	-.569719	-.541660	-.446828	-.275652
1.30		-.551021	-.568010	-.533747	-.433901	-.260202
1.31		-.555174	-.565627	-.525334	-.420705	-.244738
1.32		-.558538	-.562858	-.516444	-.407258	-.229281
1.33		-.561127	-.558909	-.507097	-.393588	-.213850
1.34		-.562955	-.554611	-.497316	-.379697	-.198468
1.35		-.564036	-.549714	-.487122	-.365628	-.183149
1.36		-.564387	-.544237	-.476537	-.351395	-.167913
1.37		-.564024	-.538199	-.465584	-.337021	-.152778
1.38		-.562962	-.531680	-.454283	-.328287	-.137761
1.39		-.561219	-.524520	-.442657	-.307932	-.122878
1.40		-.558813	-.516921	-.430727	-.293259	-.108145
1.41		-.555761	-.508841	-.418515	-.278526	-.093579
1.42		-.558082	-.500303	-.406041	-.263755	-.079193
1.43		-.547793	-.491326	-.393329	-.248963	-.065003
1.44		-.542915	-.481931	-.380397	-.234170	-.051021
1.45		-.537465	-.472139	-.367268	-.219396	-.037261
1.46		-.531465	-.461972	-.353962	-.204656	-.023737
1.47		-.524932	-.451449	-.340498	-.189971	-.010459
1.48		-.517888	-.440592	-.326899	-.175355	-.002560
1.49		-.510352	-.429421	-.313182	-.160827	-.015309
1.50		-.502343	-.417957	-.299367	-.146403	-.027780

$W_4(x, r)$

X	T	3.0	4.0	6.0	8.0	10.0
.75	-	55009845	- 54149539	- 48393672	- 43340552	- 39421791
.76	-	55928059	- 54582312	- 48430312	- 43829739	- 39244913
.77	-	56736073	- 54916841	- 48386325	- 43049545	- 39006396
.78	-	57436031	- 55155631	- 48264281	- 42802421	- 38708553
.79	-	58030136	- 55301223	- 48066768	- 42490823	- 38153695
.80	-	58520655	- 55356195	- 47796383	- 42117211	- 37944132
.81	-	58909909	- 5523157	- 47455735	- 41684044	- 37488170
.82	-	59200274	- 55204748	- 47047440	- 41193781	- 36970109
.83	-	59394175	- 55003632	- 46574116	- 40648875	- 36410239
.84	-	59494081	- 54722497	- 46038385	- 40051772	- 35804840
.85	-	59502507	- 54364047	- 45442867	- 39404910	- 35156182
.86	-	59422003	- 53931005	- 44790178	- 38710715	- 34466516
.87	-	59255158	- 53426107	- 44082927	- 37971600	- 33738079
.88	-	59004592	- 52852095	- 43323716	- 37189963	- 32973091
.89	-	58672951	- 52211731	- 42515135	- 36368184	- 32173750
.90	-	58262910	- 51507741	- 41659760	- 35508623	- 31342233
.91	-	57777152	- 50742908	- 40760150	- 34613619	- 30480698
.92	-	57218423	- 49919978	- 39818847	- 33685485	- 29591255
.93	-	56589419	- 49041698	- 38838374	- 328726515	- 28675024
.94	-	55892891	- 48110809	- 37821227	- 31738969	- 27737072
.95	-	55131590	- 47130040	- 36769882	- 30725081	- 26776440
.96	-	54308268	- 46102109	- 35686786	- 29687056	- 25796141
.97	-	53425683	- 45089715	- 34574356	- 28627063	- 24798153
.98	-	52486592	- 43915543	- 33434980	- 27547242	- 23784421
.99	-	51493748	- 42762253	- 32271014	- 26449695	- 22756855
1.00	-	50449897	- 41572485	- 31084779	- 25336488	- 21717329
1.01	-	49357777	- 40348850	- 29878559	- 24209649	- 20667678
1.02	-	48220111	- 39093936	- 28654603	- 23071167	- 19609699
1.03	-	47039612	- 37810296	- 27415117	- 21922992	- 18545150
1.04	-	45818971	- 36500454	- 26162272	- 20767030	- 17475748
1.05	-	44560861	- 35166899	- 24898191	- 19605146	- 16403168
1.06	-	43267933	- 33812085	- 23624959	- 18439162	- 15329045
1.07	-	41942810	- 32438426	- 22344612	- 17270855	- 14254969
1.08	-	40588092	- 31048298	- 21059143	- 16101955	- 13182485
1.09	-	39206345	- 29644035	- 19770498	- 14934147	- 12113097
1.10	-	37800107	- 28227928	- 18480574	- 13769070	- 11048262
1.11	-	36371880	- 26802224	- 17191220	- 12608314	- 09989392
1.12	-	34924129	- 25369122	- 15904234	- 11453422	- 08937853
1.13	-	33459284	- 23930776	- 14621366	- 10305886	- 07894965
1.14	-	31979738	- 22489290	- 13344311	- 09167151	- 06862001
1.15	-	30487821	- 21046717	- 12074716	- 08038611	- 05840187
1.16	-	28985853	- 19605060	- 10814171	- 06921610	- 04850702
1.17	-	27476089	- 18166270	- 09564218	- 05817442	- 03834677
1.18	-	25960738	- 16732244	- 08326340	- 04727351	- 02853196
1.19	-	24441966	- 15504825	- 07101969	- 03652527	- 01887297
1.20	-	22921888	- 13885802	- 05892484	- 08594114	- .00937968
1.21	-	214026	- 124769	- 046992	- 015532	- .000682
1.22	-	198860	- 110798	- 035234	- 005308	- .09073
1.23	-	183742	- 096961	- 023663	- 004720	- .018014
1.24	-	168690	- 083275	- 012290	- 014544	- .026755
1.25	-	153723	- 069753	- 001127	- 024154	- .035288
1.26	-	138859	- 056410	- 009816	- 033543	- .043606
1.27	-	12441115	- 043260	- 020530	- 042701	- .051703
1.28	-	1099507	- 030317	- 031004	- 051623	- .089571
1.29	-	095053	- 017593	- 041230	- 060301	- .067206
1.30	-	.080768	- .005101	.051200	.068728	.074602
1.31	-	.066667	- .007149	.060905	.076899	.081755
1.32	-	.052764	- .019146	.070340	.084808	.088660
1.33	-	.039073	- .030878	.079496	.092451	.095312
1.34	-	.025608	- .042337	.088368	.099823	.101710
1.35	-	.012381	.053513	.096950	.106920	.107850
1.36	-	.00596	.064397	.105237	.113739	.113728
1.37	-	.013312	.074983	.113285	.120878	.119343
1.38	-	.025755	.085261	.120909	.126528	.124693
1.39	-	.037915	.095226	.128286	.138494	.129777
1.40	-	.049784	.104871	.135352	.138172	.134593
1.41	-	.061350	.114191	.142105	.143561	.139141
1.42	-	.072607	.123180	.148543	.148658	.143421
1.43	-	.083546	.131833	.154664	.153465	.147432
1.44	-	.094161	.140147	.160467	.157981	.151175
1.45	-	.104443	.148118	.165950	.162206	.154650
1.46	-	.114388	.155743	.171115	.166140	.157860
1.47	-	.123990	.163020	.175959	.169786	.160804
1.48	-	.133243	.169946	.180485	.173143	.163486
1.49	-	.142143	.176521	.184692	.176214	.165906
1.50	-	.150687	.182742	.188583	.179001	.168068

$W_4(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	- .5023	- .4179	- .2993	- .1464	.0277
1.51	- .4939	- .4062	- .2855	- .1321	.0400
1.52	- .4850	- .3942	- .2715	- .1179	.0518
1.53	- .4757	- .3820	- .2575	- .1039	.0634
1.54	- .4660	- .3696	- .2435	- .0900	.0747
1.55	- .4559	- .3570	- .2295	- .0764	.0856
1.56	- .4455	- .3442	- .2155	- .0629	.0962
1.57	- .4348	- .3312	- .2015	- .0496	.1065
1.58	- .4237	- .3181	- .1876	- .0365	.1164
1.59	- .4124	- .3049	- .1737	- .0237	.1260
1.60	- .4008	- .2916	- .1599	- .0111	.1353
1.61	- .3890	- .2783	- .1462	.0013	.1441
1.62	- .3769	- .2649	- .1326	.0134	.1526
1.63	- .3646	- .2514	- .1192	.0252	.1608
1.64	- .3521	- .2379	- .1058	.0368	.1686
1.65	- .3395	- .2244	- .0927	.0481	.1760
1.66	- .3267	- .2109	- .0796	.0590	.1831
1.67	- .3138	- .1975	- .0666	.0697	.1908
1.68	- .3008	- .1840	- .0542	.0801	.1961
1.69	- .2876	- .1707	- .0417	.0901	.2080
1.70	- .2744	- .1574	- .0295	.0999	.2076
1.71	- .2612	- .1442	- .0174	.1093	.2128
1.72	- .2479	- .1311	- .0056	.1184	.2177
1.73	- .2346	- .1181	.0059	.1271	.2222
1.74	- .2212	- .1053	.0172	.1356	.2263
1.75	- .2079	- .0925	.0282	.1436	.2300
1.76	- .1946	- .0800	.0390	.1514	.2334
1.77	- .1814	- .0676	.0495	.1587	.2365
1.78	- .1682	- .0554	.0597	.1658	.2392
1.79	- .1551	- .0434	.0697	.1725	.2415
1.80	- .1421	- .0316	.0793	.1788	.2435
1.81	- .1291	- .0200	.0887	.1848	.2452
1.82	- .1163	- .0086	.0977	.1905	.2465
1.83	- .1037	- .0026	.1064	.1958	.2476
1.84	- .0911	.0135	.1149	.2007	.2482
1.85	- .0787	.0242	.1230	.2053	.2486
1.86	- .0665	.0346	.1307	.2096	.2487
1.87	- .0545	.0448	.1388	.2135	.2484
1.88	- .0426	.0547	.1453	.2170	.2479
1.89	- .0310	.0643	.1581	.2203	.2471
1.90	- .0195	.0736	.1586	.2232	.2459
1.91	- .0083	.0827	.1648	.2257	.2446
1.92	- .0027	.0914	.1706	.2280	.2429
1.93	.0135	.0999	.1761	.2299	.2410
1.94	.0240	.1080	.1813	.2315	.2388
1.95	.0343	.1159	.1861	.2326	.2464
1.96	.0443	.1234	.1906	.2338	.2338
1.97	.0541	.1307	.1948	.2344	.2309
1.98	.0636	.1376	.1987	.2348	.2278
1.99	.0728	.1442	.2022	.2349	.2245
2.00	.0817	.1505	.2054	.2347	.2210
2.01	.0903	.1565	.2083	.2348	.2178
2.02	.0987	.1622	.2109	.2334	.2133
2.03	.1067	.1676	.2132	.2324	.2093
2.04	.1144	.1726	.2152	.2311	.2050
2.05	.1219	.1773	.2169	.2296	.2006
2.06	.1290	.1818	.2182	.2278	.1961
2.07	.1359	.1859	.2193	.2258	.1914
2.08	.1424	.1896	.2201	.2236	.1866
2.09	.1486	.1931	.2206	.2211	.1816
2.10	.1545	.1963	.2208	.2184	.1765
2.11	.1601	.1992	.2208	.2155	.1713
2.12	.1654	.2017	.2205	.2124	.1661
2.13	.1703	.2040	.2199	.2091	.1607
2.14	.1750	.2060	.2191	.2056	.1552
2.15	.1793	.2076	.2180	.2020	.1497
2.16	.1834	.2090	.2167	.1982	.1441
2.17	.1871	.2101	.2152	.1942	.1385
2.18	.1905	.2110	.2134	.1901	.1328
2.19	.1937	.2115	.2114	.1858	.1270
2.20	.1965	.2118	.2092	.1814	.1212
2.21	.1990	.2119	.2068	.1769	.1154
2.22	.2012	.2116	.2042	.1722	.1096
2.23	.2032	.2112	.2014	.1674	.1038
2.24	.2048	.2104	.1984	.1626	.0979
2.25	.2062	.2095	.1952	.1576	.0921

$W_4(x, r)$

X \ Y	3.0	4.0	6.0	8.0	10.0
1.50	1506	1827	1885	1790	1680
1.51	1589	1886	1922	1815	1700
1.52	1667	1941	1954	1837	1716
1.53	1741	1993	1984	1857	1730
1.54	1812	2041	2010	1874	1742
1.55	1880	2086	2034	1888	1751
1.56	1943	2127	2054	1899	1758
1.57	2003	2164	2071	1908	1762
1.58	2059	2198	2086	1914	1764
1.59	2112	2229	2097	1918	1764
1.60	2160	2257	2106	1919	1762
1.61	2206	2281	2112	1918	1757
1.62	2247	2301	2115	1914	1750
1.63	2285	2319	2115	1908	1742
1.64	2319	2333	2113	1900	1731
1.65	2350	2344	2108	1890	1718
1.66	2377	2352	2101	1877	1703
1.67	2401	2357	2091	1862	1687
1.68	2421	2358	2079	1846	1669
1.69	2438	2357	2065	1827	1649
1.70	2452	2353	2048	1807	1627
1.71	2462	2346	2029	1784	1604
1.72	2469	2337	2008	1760	1579
1.73	2473	2325	1984	1734	1553
1.74	2474	2310	1959	1707	1525
1.75	2472	2292	1932	1677	1496
1.76	2466	2272	1903	1647	1466
1.77	2458	2250	1872	1615	1434
1.78	2447	2226	1840	1581	1402
1.79	2433	2199	1806	1547	1368
1.80	2417	2170	1770	1511	1333
1.81	2398	2139	1733	1474	1297
1.82	2376	2106	1695	1436	1261
1.83	2352	2071	1655	1396	1223
1.84	2326	2034	1614	1356	1185
1.85	2297	1995	1572	1315	1146
1.86	2266	1955	1528	1274	1107
1.87	2233	1913	1484	1231	1066
1.88	2198	1870	1439	1188	1026
1.89	2161	1825	1393	1144	984
1.90	2122	1779	1346	1100	943
1.91	2081	1732	1298	1055	901
1.92	2038	1683	1250	1010	859
1.93	1994	1634	1201	964	816
1.94	1949	1583	1152	918	774
1.95	1902	1532	1102	872	731
1.96	1853	1480	1052	826	688
1.97	1803	1427	1001	780	645
1.98	1753	1373	951	733	603
1.99	1701	1319	900	687	560
2.00	1648	1264	849	641	518
2.01	1594	1209	798	595	476
2.02	1539	1153	748	549	434
2.03	1484	1097	697	503	392
2.04	1427	1041	646	458	351
2.05	1371	.9985	.0596	.413	.310
2.06	1314	.9929	.0546	.368	.269
2.07	1256	.9873	.0496	.324	.229
2.08	1198	.9817	.0447	.280	.190
2.09	1140	.9761	.0398	.237	.151
2.10	1081	.9705	.0350	.194	.112
2.11	1023	.9649	.0302	.152	.075
2.12	.9964	.9594	.0255	.111	.037
2.13	.9905	.9539	.0206	.070	.004
2.14	.9847	.9485	.0162	.030	.035
2.15	.9789	.9431	.0117	-.0009	-.0070
2.16	.9731	.9378	.0072	-.0048	-.0104
2.17	.9673	.9325	.0029	-.0085	-.0137
2.18	.9615	.9273	-.0014	-.0122	-.0170
2.19	.9558	.9222	-.0056	-.0158	-.0202
2.20	.9508	.9178	-.0097	-.0193	-.0233
2.21	.9446	.9122	-.0137	-.0227	-.0263
2.22	.9391	.9073	-.0177	-.0260	-.0292
2.23	.9336	.9025	-.0215	-.0293	-.0320
2.24	.9282	-.0022	-.0252	-.0324	-.0347
2.25	.9229	-.0068	-.0288	-.0354	-.0373

$W_4(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
2.25	2.062	2.095	1.952	1.576	.921
2.26	2.073	2.083	1.919	1.526	.863
2.27	2.081	2.069	1.884	1.475	.804
2.28	2.086	2.052	1.848	1.423	.747
2.29	2.089	2.034	1.810	1.370	.689
2.30	2.090	2.013	1.770	1.317	.632
2.31	2.087	1.990	1.730	1.263	.575
2.32	2.083	1.966	1.688	1.209	.519
2.33	2.075	1.939	1.645	1.155	.463
2.34	2.066	1.911	1.601	1.100	.408
2.35	2.054	1.881	1.555	1.046	.353
2.36	2.040	1.850	1.509	0.991	.300
2.37	2.024	1.817	1.462	0.936	.247
2.38	2.005	1.782	1.415	0.881	.194
2.39	1.985	1.746	1.366	0.826	.143
2.40	1.963	1.708	1.317	0.771	.092
2.41	1.938	1.670	1.268	0.717	.043
2.42	1.912	1.630	1.218	0.663	.006
2.43	1.884	1.589	1.167	0.609	.053
2.44	1.855	1.547	1.116	0.556	.100
2.45	1.824	1.504	1.065	0.503	.145
2.46	1.791	1.460	1.014	0.450	.189
2.47	1.757	1.415	0.962	0.398	.233
2.48	1.721	1.369	0.911	0.347	.275
2.49	1.684	1.323	0.859	0.296	.315
2.50	1.646	1.276	0.808	0.246	.355
2.51	1.607	1.229	0.756	0.197	.393
2.52	1.566	1.181	0.705	0.149	.430
2.53	1.525	1.133	0.654	0.101	.466
2.54	1.482	1.084	0.603	0.054	.500
2.55	1.439	1.035	0.553	0.008	.534
2.56	1.395	0.986	0.503	0.036	.565
2.57	1.350	0.937	0.453	0.080	.596
2.58	1.304	0.887	0.404	0.123	.625
2.59	1.258	0.838	0.356	0.165	.653
2.60	1.211	0.788	0.308	0.206	.679
2.61	1.164	0.739	0.261	0.245	.704
2.62	1.116	0.690	0.214	0.284	.728
2.63	1.068	0.641	0.168	0.321	.750
2.64	1.020	0.592	0.123	0.357	.771
2.65	0.972	0.544	0.079	0.392	.791
2.66	0.923	0.496	0.035	0.426	.809
2.67	0.874	0.448	0.007	0.458	.826
2.68	0.825	0.401	0.049	0.490	.841
2.69	0.777	0.354	0.090	0.520	.856
2.70	0.728	0.308	0.130	0.549	.868
2.71	0.680	0.263	0.168	0.576	.880
2.72	0.631	0.218	0.206	0.603	.890
2.73	0.583	0.174	0.243	0.628	.899
2.74	0.535	0.130	0.279	0.651	.907
2.75	0.488	0.088	0.313	0.674	.914
2.76	0.441	0.046	0.347	0.695	.919
2.77	0.395	0.005	0.379	0.715	.923
2.78	0.349	0.036	0.410	0.733	.926
2.79	0.303	0.075	0.440	0.751	.927
2.80	0.258	0.113	0.469	0.767	.928
2.81	0.214	0.151	0.497	0.782	.927
2.82	0.171	0.187	0.523	0.795	.926
2.83	0.128	0.223	0.549	0.808	.923
2.84	0.086	0.257	0.573	0.819	.919
2.85	0.044	0.291	0.596	0.829	.915
2.86	0.004	0.323	0.618	0.837	.909
2.87	0.036	0.354	0.638	0.845	.902
2.88	0.074	0.385	0.658	0.851	.894
2.89	0.112	0.414	0.676	0.856	.886
2.90	0.149	0.442	0.693	0.860	.876
2.91	0.185	0.469	0.709	0.863	.866
2.92	0.220	0.494	0.723	0.865	.855
2.93	0.254	0.519	0.737	0.866	.843
2.94	0.287	0.542	0.749	0.866	.830
2.95	0.319	0.565	0.760	0.864	.817
2.96	0.350	0.586	0.770	0.862	.803
2.97	0.380	0.606	0.779	0.858	.788
2.98	0.408	0.625	0.786	0.854	.773
2.99	0.436	0.643	0.793	0.849	.757
3.00	-0.462	-0.659	-0.798	-0.843	-0.740

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$W_4(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
2.25	.0229	-.0068	-.0288	-.0354	-.0373
2.26	.0176	-.0113	-.0323	-.0383	-.0399
2.27	.0125	-.0157	-.0357	-.0411	-.0423
2.28	.0074	-.0200	-.0390	-.0438	-.0447
2.29	.0025	-.0241	-.0422	-.0464	-.0469
2.30	-.0024	-.0282	-.0452	-.0489	-.0490
2.31	-.0072	-.0321	-.0482	-.0513	-.0511
2.32	-.0118	-.0360	-.0510	-.0536	-.0530
2.33	-.0164	-.0397	-.0537	-.0558	-.0548
2.34	-.0208	-.0433	-.0563	-.0578	-.0566
2.35	-.0251	-.0467	-.0588	-.0598	-.0582
2.36	-.0294	-.0501	-.0611	-.0634	-.0597
2.37	-.0334	-.0533	-.0634	-.0650	-.0612
2.38	-.0374	-.0564	-.0655	-.0665	-.0625
2.39	-.0412	-.0593	-.0675	-.0665	-.0637
2.40	-.0449	-.0621	-.0693	-.0679	-.0648
2.41	-.0485	-.0648	-.0711	-.0692	-.0659
2.42	-.0520	-.0674	-.0727	-.0704	-.0668
2.43	-.0553	-.0698	-.0743	-.0715	-.0676
2.44	-.0585	-.0721	-.0757	-.0724	-.0684
2.45	-.0615	-.0742	-.0769	-.0733	-.0690
2.46	-.0644	-.0763	-.0781	-.0741	-.0696
2.47	-.0672	-.0782	-.0791	-.0747	-.0700
2.48	-.0698	-.0799	-.0801	-.0753	-.0704
2.49	-.0723	-.0816	-.0809	-.0758	-.0706
2.50	-.0747	-.0831	-.0816	-.0761	-.0708
2.51	-.0769	-.0844	-.0822	-.0764	-.0709
2.52	-.0790	-.0857	-.0827	-.0765	-.0709
2.53	-.0809	-.0868	-.0831	-.0766	-.0709
2.54	-.0827	-.0878	-.0833	-.0766	-.0707
2.55	-.0844	-.0887	-.0835	-.0765	-.0705
2.56	-.0860	-.0894	-.0836	-.0763	-.0702
2.57	-.0874	-.0900	-.0835	-.0760	-.0698
2.58	-.0886	-.0905	-.0834	-.0757	-.0693
2.59	-.0898	-.0909	-.0832	-.0752	-.0688
2.60	-.0908	-.0912	-.0829	-.0747	-.0682
2.61	-.0917	-.0914	-.0824	-.0741	-.0675
2.62	-.0924	-.0914	-.0819	-.0734	-.0668
2.63	-.0931	-.0913	-.0814	-.0787	-.0660
2.64	-.0936	-.0912	-.0807	-.0719	-.0651
2.65	-.0939	-.0909	-.0799	-.0710	-.0642
2.66	-.0942	-.0905	-.0791	-.0700	-.0632
2.67	-.0944	-.0900	-.0782	-.0690	-.0622
2.68	-.0944	-.0895	-.0772	-.0679	-.0611
2.69	-.0943	-.0888	-.0762	-.0668	-.0600
2.70	-.0941	-.0880	-.0751	-.0656	-.0588
2.71	-.0938	-.0872	-.0739	-.0644	-.0576
2.72	-.0934	-.0863	-.0726	-.0631	-.0563
2.73	-.0929	-.0853	-.0713	-.0617	-.0550
2.74	-.0923	-.0842	-.0700	-.0604	-.0537
2.75	-.0916	-.0830	-.0685	-.0589	-.0523
2.76	-.0908	-.0817	-.0671	-.0575	-.0509
2.77	-.0899	-.0804	-.0656	-.0560	-.0494
2.78	-.0889	-.0790	-.0640	-.0544	-.0479
2.79	-.0879	-.0776	-.0624	-.0529	-.0465
2.80	-.0867	-.0761	-.0607	-.0513	-.0449
2.81	-.0855	-.0745	-.0591	-.0496	-.0434
2.82	-.0842	-.0729	-.0573	-.0480	-.0418
2.83	-.0838	-.0712	-.0556	-.0463	-.0405
2.84	-.0814	-.0695	-.0538	-.0446	-.0387
2.85	-.0799	-.0677	-.0520	-.0429	-.0371
2.86	-.0783	-.0659	-.0502	-.0412	-.0355
2.87	-.0767	-.0640	-.0483	-.0395	-.0338
2.88	-.0750	-.0622	-.0465	-.0377	-.0322
2.89	-.0732	-.0602	-.0446	-.0360	-.0306
2.90	-.0715	-.0583	-.0427	-.0342	-.0289
2.91	-.0696	-.0563	-.0408	-.0325	-.0273
2.92	-.0677	-.0543	-.0389	-.0307	-.0257
2.93	-.0658	-.0522	-.0369	-.0289	-.0241
2.94	-.0638	-.0502	-.0350	-.0272	-.0224
2.95	-.0618	-.0481	-.0331	-.0254	-.0208
2.96	-.0598	-.0460	-.0312	-.0237	-.0192
2.97	-.0578	-.0440	-.0293	-.0219	-.0176
2.98	-.0557	-.0419	-.0273	-.0202	-.0161
2.99	-.0536	-.0398	-.0254	-.0185	-.0145
3.00	-.0514	-.0376	-.0235	-.0168	-.0129

$W_4(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.00	- .0462	- .0659	- .0810	- .0843	- .0740
3.01	- .0488	- .0675	- .0803	- .0836	- .0783
3.02	- .0512	- .0689	- .0806	- .0828	- .0705
3.03	- .0535	- .0702	- .0809	- .0819	- .0687
3.04	- .0557	- .0714	- .0810	- .0810	- .0669
3.05	- .0578	- .0725	- .0810	- .0800	- .0650
3.06	- .0598	- .0735	- .0809	- .0777	- .0631
3.07	- .0616	- .0744	- .0808	- .0777	- .0611
3.08	- .0634	- .0751	- .0805	- .0764	- .0591
3.09	- .0650	- .0758	- .0802	- .0751	- .0571
3.10	- .0665	- .0763	- .0797	- .0738	- .0550
3.11	- .0679	- .0768	- .0792	- .0783	- .0530
3.12	- .0692	- .0771	- .0786	- .0709	- .0509
3.13	- .0704	- .0774	- .0779	- .0693	- .0488
3.14	- .0715	- .0775	- .0771	- .0677	- .0466
3.15	- .0725	- .0776	- .0763	- .0661	- .0445
3.16	- .0733	- .0776	- .0754	- .0644	- .0424
3.17	- .0741	- .0774	- .0744	- .0627	- .0402
3.18	- .0747	- .0772	- .0733	- .0609	- .0381
3.19	- .0753	- .0769	- .0732	- .0591	- .0359
3.20	- .0757	- .0765	- .0710	- .0573	- .0338
3.21	- .0761	- .0760	- .0698	- .0554	- .0316
3.22	- .0763	- .0754	- .0685	- .0535	- .0295
3.23	- .0765	- .0748	- .0671	- .0516	- .0274
3.24	- .0766	- .0741	- .0657	- .0497	- .0253
3.25	- .0765	- .0733	- .0642	- .0478	- .0232
3.26	- .0763	- .0724	- .0627	- .0458	- .0211
3.27	- .0761	- .0715	- .0612	- .0438	- .0190
3.28	- .0758	- .0705	- .0596	- .0418	- .0170
3.29	- .0754	- .0694	- .0580	- .0398	- .0150
3.30	- .0749	- .0683	- .0563	- .0378	- .0130
3.31	- .0744	- .0671	- .0546	- .0358	- .0110
3.32	- .0737	- .0659	- .0529	- .0338	- .0091
3.33	- .0730	- .0646	- .0511	- .0318	- .0072
3.34	- .0725	- .0633	- .0493	- .0298	- .0053
3.35	- .0714	- .0619	- .0475	- .0278	- .0035
3.36	- .0705	- .0605	- .0457	- .0258	.0017
3.37	- .0695	- .0590	- .0439	- .0238	.0014
3.38	- .0685	- .0575	- .0420	- .0219	.0010
3.39	- .0673	- .0559	- .0402	- .0199	.0035
3.40	- .0662	- .0543	- .0383	- .0180	.0058
3.41	- .0650	- .0527	- .0364	- .0161	.0066
3.42	- .0637	- .0511	- .0346	- .0142	.0083
3.43	- .0624	- .0494	- .0327	- .0123	.0099
3.44	- .0610	- .0477	- .0308	- .0105	.0114
3.45	- .0596	- .0460	- .0289	- .0087	.0128
3.46	- .0581	- .0442	- .0271	- .0069	.0142
3.47	- .0566	- .0425	- .0253	- .0051	.0155
3.48	- .0551	- .0407	- .0233	- .0034	.0168
3.49	- .0535	- .0389	- .0215	- .0017	.0181
3.50	- .0519	- .0372	- .0197	- .0001	.0193
3.51	- .0503	- .0354	- .0178	.0016	.0204
3.52	- .0487	- .0336	- .0160	.0031	.0215
3.53	- .0470	- .0318	- .0143	.0047	.0226
3.54	- .0453	- .0300	- .0125	.0062	.0236
3.55	- .0436	- .0282	- .0108	.0077	.0245
3.56	- .0419	- .0264	- .0091	.0091	.0254
3.57	- .0401	- .0246	- .0074	.0105	.0263
3.58	- .0384	- .0228	- .0057	.0118	.0271
3.59	- .0366	- .0210	- .0041	.0131	.0278
3.60	- .0348	- .0193	- .0025	.0144	.0285
3.61	- .0331	- .0175	- .0009	.0156	.0292
3.62	- .0313	- .0158	- .0006	.0168	.0298
3.63	- .0295	- .0141	- .0021	.0179	.0303
3.64	- .0277	- .0124	- .0036	.0190	.0308
3.65	- .0260	- .0107	.0050	.0200	.0313
3.66	- .0242	- .0091	.0064	.0210	.0317
3.67	- .0224	- .0075	.0078	.0220	.0321
3.68	- .0207	- .0059	.0091	.0229	.0324
3.69	- .0190	- .0043	.0104	.0237	.0327
3.70	- .0172	- .0028	.0116	.0245	.0329
3.71	- .0155	- .0018	.0129	.0253	.0331
3.72	- .0139	- .0008	.0140	.0260	.0332
3.73	- .0122	- .0017	.0151	.0266	.0333
3.74	- .0105	- .0031	.0162	.0273	.0334
3.75	- .0089	.0045	.0172	.0278	.0334

$W_4(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.00	- .0514	- .0376	- .0235	- .0168	- .0129
3.01	- .0493	- .0356	- .0217	- .0151	- .0114
3.02	- .0472	- .0334	- .0198	- .0134	- .0099
3.03	- .0450	- .0313	- .0179	- .0118	- .0084
3.04	- .0428	- .0292	- .0161	- .0102	- .0069
3.05	- .0406	- .0272	- .0143	- .0086	- .0055
3.06	- .0385	- .0251	- .0125	- .0070	- .0041
3.07	- .0363	- .0230	- .0107	- .0054	- .0027
3.08	- .0341	- .0210	- .0090	- .0039	- .0013
3.09	- .0319	- .0190	- .0073	- .0024	.0000
3.10	- .0298	- .0170	- .0056	- .0009	.0014
3.11	- .0276	- .0150	- .0039	.0005	.0026
3.12	- .0255	- .0130	- .0025	.0019	.0039
3.13	- .0234	- .0111	- .0007	.0033	.0051
3.14	- .0212	- .0092	.0009	.0046	.0063
3.15	- .0192	- .0073	.0024	.0060	.0075
3.16	- .0171	- .0055	.0039	.0072	.0086
3.17	- .0151	- .0037	.0054	.0085	.0097
3.18	- .0130	- .0019	.0068	.0097	.0107
3.19	- .0110	- .0002	.0082	.0108	.0117
3.20	- .0091	.0015	.0095	.0120	.0127
3.21	- .0072	.0032	.0108	.0130	.0137
3.22	- .0053	.0048	.0121	.0141	.0146
3.23	- .0034	.0064	.0133	.0151	.0155
3.24	- .0016	.0079	.0145	.0161	.0163
3.25	.0002	.0094	.0156	.0170	.0171
3.26	.0020	.0109	.0167	.0179	.0179
3.27	.0037	.0123	.0178	.0187	.0186
3.28	.0054	.0137	.0186	.0196	.0193
3.29	.0070	.0150	.0197	.0203	.0199
3.30	.0086	.0163	.0206	.0217	.0205
3.31	.0101	.0175	.0215	.0217	.0211
3.32	.0116	.0187	.0223	.0224	.0216
3.33	.0131	.0198	.0231	.0230	.0221
3.34	.0145	.0209	.0239	.0236	.0226
3.35	.0158	.0219	.0246	.0241	.0230
3.36	.0171	.0229	.0252	.0246	.0234
3.37	.0184	.0239	.0258	.0250	.0238
3.38	.0196	.0246	.0264	.0254	.0241
3.39	.0208	.0256	.0269	.0258	.0244
3.40	.0219	.0264	.0274	.0261	.0246
3.41	.0229	.0271	.0276	.0264	.0248
3.42	.0239	.0278	.0282	.0266	.0250
3.43	.0249	.0285	.0285	.0269	.0251
3.44	.0258	.0291	.0289	.0270	.0252
3.45	.0267	.0296	.0291	.0272	.0253
3.46	.0275	.0301	.0293	.0273	.0253
3.47	.0282	.0306	.0295	.0274	.0254
3.48	.0290	.0310	.0297	.0274	.0253
3.49	.0296	.0314	.0298	.0274	.0253
3.50	.0302	.0317	.0296	.0274	.0252
3.51	.0308	.0320	.0299	.0273	.0251
3.52	.0313	.0322	.0299	.0272	.0250
3.53	.0318	.0324	.0298	.0271	.0248
3.54	.0322	.0325	.0298	.0269	.0246
3.55	.0325	.0326	.0296	.0267	.0244
3.56	.0329	.0327	.0295	.0265	.0242
3.57	.0331	.0327	.0293	.0263	.0239
3.58	.0334	.0327	.0291	.0260	.0236
3.59	.0335	.0326	.0289	.0257	.0233
3.60	.0337	.0325	.0286	.0254	.0230
3.61	.0338	.0324	.0283	.0251	.0226
3.62	.0338	.0322	.0280	.0247	.0223
3.63	.0338	.0320	.0276	.0243	.0219
3.64	.0338	.0318	.0273	.0239	.0215
3.65	.0337	.0315	.0269	.0235	.0211
3.66	.0336	.0312	.0264	.0230	.0206
3.67	.0335	.0309	.0260	.0226	.0202
3.68	.0333	.0305	.0255	.0221	.0197
3.69	.0331	.0301	.0250	.0216	.0192
3.70	.0328	.0297	.0245	.0211	.0187
3.71	.0325	.0292	.0240	.0206	.0182
3.72	.0322	.0288	.0234	.0200	.0177
3.73	.0318	.0283	.0229	.0195	.0172
3.74	.0315	.0277	.0223	.0189	.0166
3.75	.0310	.0272	.0217	.0183	.0161

$W_4(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.75	- .0089	.0045	.0172	.0278	.0334
3.76	- .0073	.0058	.0182	.0283	.0334
3.77	- .0057	.0078	.0192	.0288	.0353
3.78	- .0042	.0084	.0201	.0293	.0358
3.79	- .0027	.0097	.0210	.0296	.0330
3.80	- .0012	.0109	.0218	.0300	.0329
3.81	- .0003	.0120	.0226	.0303	.0326
3.82	.0017	.0132	.0233	.0306	.0324
3.83	.0031	.0142	.0240	.0308	.0321
3.84	.0045	.0153	.0246	.0309	.0318
3.85	.0058	.0163	.0252	.0311	.0314
3.86	.0071	.0172	.0258	.0312	.0311
3.87	.0083	.0182	.0263	.0318	.0307
3.88	.0096	.0190	.0268	.0318	.0308
3.89	.0107	.0199	.0272	.0312	.0298
3.90	.0119	.0207	.0276	.0312	.0293
3.91	.0130	.0214	.0279	.0311	.0287
3.92	.0141	.0221	.0282	.0309	.0282
3.93	.0151	.0228	.0285	.0308	.0276
3.94	.0161	.0234	.0287	.0306	.0271
3.95	.0170	.0240	.0289	.0303	.0265
3.96	.0179	.0246	.0291	.0301	.0268
3.97	.0188	.0251	.0292	.0298	.0252
3.98	.0196	.0255	.0292	.0295	.0245
3.99	.0204	.0260	.0293	.0291	.0239
4.00	.0212	.0264	.0293	.0287	.0232
4.01	.0219	.0267	.0292	.0283	.0235
4.02	.0225	.0270	.0292	.0279	.0218
4.03	.0231	.0273	.0291	.0274	.0210
4.04	.0237	.0275	.0289	.0270	.0203
4.05	.0242	.0277	.0288	.0265	.0196
4.06	.0247	.0278	.0286	.0259	.0188
4.07	.0252	.0279	.0283	.0254	.0181
4.08	.0256	.0280	.0281	.0248	.0173
4.09	.0260	.0281	.0278	.0242	.0165
4.10	.0263	.0281	.0275	.0236	.0158
4.11	.0266	.0280	.0271	.0230	.0150
4.12	.0269	.0280	.0268	.0224	.0142
4.13	.0271	.0279	.0264	.0218	.0134
4.14	.0273	.0278	.0260	.0211	.0127
4.15	.0274	.0276	.0255	.0204	.0119
4.16	.0276	.0274	.0251	.0198	.0111
4.17	.0276	.0272	.0246	.0191	.0103
4.18	.0277	.0270	.0241	.0184	.0096
4.19	.0277	.0267	.0236	.0177	.0088
4.20	.0276	.0264	.0230	.0170	.0081
4.21	.0276	.0261	.0225	.0163	.0073
4.22	.0275	.0257	.0219	.0155	.0066
4.23	.0274	.0254	.0213	.0148	.0058
4.24	.0272	.0250	.0207	.0141	.0051
4.25	.0270	.0246	.0201	.0134	.0044
4.26	.0268	.0241	.0195	.0126	.0037
4.27	.0266	.0237	.0189	.0119	.0030
4.28	.0263	.0232	.0182	.0112	.0023
4.29	.0260	.0227	.0176	.0105	.0016
4.30	.0257	.0222	.0169	.0098	.0010
4.31	.0254	.0217	.0163	.0090	.0003
4.32	.0250	.0211	.0156	.0083	.0003
4.33	.0246	.0206	.0149	.0076	.0009
4.34	.0242	.0200	.0143	.0069	.0015
4.35	.0238	.0194	.0136	.0062	- .0021
4.36	.0233	.0188	.0129	.0055	- .0027
4.37	.0229	.0182	.0122	.0049	- .0033
4.38	.0224	.0176	.0115	.0042	- .0038
4.39	.0219	.0170	.0109	.0035	- .0043
4.40	.0214	.0164	.0102	.0029	- .0048
4.41	.0208	.0158	.0095	.0022	- .0053
4.42	.0203	.0151	.0088	.0016	- .0058
4.43	.0197	.0145	.0082	.0010	- .0063
4.44	.0191	.0138	.0075	.0004	- .0067
4.45	.0186	.0132	.0068	- .0008	- .0071
4.46	.0180	.0125	.0062	- .0008	- .0076
4.47	.0174	.0119	.0055	- .0014	- .0079
4.48	.0168	.0112	.0049	- .0019	- .0083
4.49	.0161	.0106	.0043	- .0025	- .0087
4.50	.0155	.0099	.0036	- .0030	- .0090

$W_4(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.75	.0310	.0272	.0217	.0183	.0161
3.76	.0306	.0265	.0211	.0177	.0155
3.77	.0301	.0260	.0205	.0178	.0150
3.78	.0296	.0254	.0198	.0166	.0144
3.79	.0291	.0248	.0192	.0159	.0138
3.80	.0286	.0242	.0186	.0153	.0132
3.81	.0280	.0235	.0179	.0147	.0127
3.82	.0274	.0228	.0172	.0141	.0121
3.83	.0268	.0222	.0166	.0135	.0115
3.84	.0262	.0215	.0159	.0128	.0109
3.85	.0255	.0208	.0152	.0122	.0103
3.86	.0248	.0200	.0145	.0116	.0097
3.87	.0242	.0193	.0138	.0109	.0091
3.88	.0235	.0186	.0131	.0103	.0086
3.89	.0227	.0178	.0124	.0097	.0080
3.90	.0220	.0171	.0117	.0090	.0074
3.91	.0213	.0164	.0111	.0084	.0068
3.92	.0205	.0156	.0104	.0078	.0063
3.93	.0198	.0148	.0097	.0071	.0057
3.94	.0190	.0141	.0090	.0065	.0051
3.95	.0183	.0133	.0083	.0059	.0046
3.96	.0175	.0126	.0076	.0053	.0040
3.97	.0167	.0118	.0070	.0047	.0035
3.98	.0159	.0111	.0063	.0041	.0029
3.99	.0152	.0103	.0056	.0035	.0024
4.00	.0144	.0095	.0050	.0030	.0019
4.01	.0136	.0088	.0043	.0024	.0014
4.02	.0128	.0081	.0037	.0018	.0009
4.03	.0120	.0073	.0031	.0013	.0004
4.04	.0112	.0066	.0025	.0008	.0001
4.05	.0105	.0059	.0019	-.0002	-.0006
4.06	.0097	.0052	.0013	-.0003	-.0010
4.07	.0089	.0045	.0007	-.0008	-.0015
4.08	.0081	.0038	.0001	-.0013	-.0019
4.09	.0074	.0031	-.0005	-.0018	-.0023
4.10	.0066	.0024	-.0010	-.0022	-.0027
4.11	.0059	.0018	-.0015	-.0027	-.0031
4.12	.0052	.0011	-.0021	-.0031	-.0035
4.13	.0044	.0005	-.0026	-.0036	-.0039
4.14	.0037	-.0001	-.0031	-.0040	-.0043
4.15	.0030	-.0008	-.0035	-.0044	-.0046
4.16	.0023	-.0013	-.0040	-.0048	-.0050
4.17	.0016	-.0019	-.0045	-.0051	-.0053
4.18	.0010	-.0025	-.0049	-.0055	-.0056
4.19	.0003	-.0030	-.0053	-.0058	-.0059
4.20	-.0003	-.0036	-.0057	-.0068	-.0062
4.21	-.0009	-.0041	-.0061	-.0065	-.0065
4.22	-.0016	-.0046	-.0065	-.0068	-.0067
4.23	-.0022	-.0051	-.0068	-.0071	-.0070
4.24	-.0027	-.0056	-.0072	-.0074	-.0072
4.25	-.0033	-.0060	-.0075	-.0076	-.0074
4.26	-.0039	-.0065	-.0078	-.0079	-.0076
4.27	-.0044	-.0069	-.0081	-.0081	-.0078
4.28	-.0049	-.0073	-.0084	-.0083	-.0080
4.29	-.0054	-.0077	-.0086	-.0085	-.0081
4.30	-.0059	-.0080	-.0089	-.0087	-.0083
4.31	-.0064	-.0084	-.0091	-.0088	-.0084
4.32	-.0068	-.0087	-.0093	-.0090	-.0085
4.33	-.0072	-.0090	-.0095	-.0091	-.0086
4.34	-.0076	-.0093	-.0097	-.0093	-.0087
4.35	-.0080	-.0096	-.0099	-.0094	-.0088
4.36	-.0084	-.0099	-.0100	-.0095	-.0089
4.37	-.0088	-.0101	-.0102	-.0096	-.0090
4.38	-.0091	-.0103	-.0103	-.0096	-.0090
4.39	-.0094	-.0106	-.0104	-.0097	-.0090
4.40	-.0097	-.0107	-.0105	-.0098	-.0091
4.41	-.0100	-.0109	-.0106	-.0098	-.0091
4.42	-.0103	-.0111	-.0106	-.0098	-.0091
4.43	-.0105	-.0112	-.0107	-.0098	-.0091
4.44	-.0108	-.0113	-.0107	-.0098	-.0090
4.45	-.0110	-.0115	-.0107	-.0098	-.0090
4.46	-.0112	-.0115	-.0107	-.0098	-.0090
4.47	-.0114	-.0116	-.0107	-.0097	-.0089
4.48	-.0115	-.0117	-.0107	-.0097	-.0088
4.49	-.0117	-.0117	-.0107	-.0096	-.0088
4.50	-.0118	-.0118	-.0106	-.0096	-.0087

$W_4(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
4.50	.0155	.0099	.0036	- .0030	- .0090
4.51	.0149	.0093	.0030	- .0035	- .0093
4.52	.0143	.0086	.0024	- .0040	- .0096
4.53	.0136	.0080	.0018	- .0045	- .0099
4.54	.0130	.0073	.0012	- .0050	- .0102
4.55	.0123	.0067	.0007	- .0054	- .0104
4.56	.0117	.0061	.0001	- .0058	- .0107
4.57	.0111	.0055	.0005	- .0063	- .0109
4.58	.0104	.0048	.0010	- .0067	- .0111
4.59	.0098	.0042	.0015	- .0070	- .0112
4.60	.0091	.0036	.0020	- .0074	- .0114
4.61	.0085	.0030	.0025	- .0078	- .0115
4.62	.0079	.0025	.0030	- .0081	- .0117
4.63	.0072	.0019	.0035	- .0084	- .0118
4.64	.0066	.0013	.0040	- .0087	- .0119
4.65	.0060	.0008	.0044	- .0090	- .0119
4.66	.0054	.0002	.0048	- .0093	- .0120
4.67	.0048	- .0003	.0053	- .0095	- .0120
4.68	.0042	- .0008	.0057	- .0097	- .0121
4.69	.0036	- .0013	.0060	- .0100	- .0121
4.70	.0030	- .0018	.0064	- .0102	- .0121
4.71	.0024	- .0023	.0068	- .0103	- .0121
4.72	.0018	- .0028	.0071	- .0105	- .0120
4.73	.0013	- .0032	.0074	- .0107	- .0120
4.74	.0007	- .0037	.0077	- .0108	- .0119
4.75	- .0002	- .0041	.0080	- .0109	- .0119
4.76	- .0003	- .0045	.0083	- .0110	- .0118
4.77	- .0008	- .0049	.0085	- .0111	- .0117
4.78	- .0013	- .0053	.0088	- .0112	- .0116
4.79	- .0018	- .0057	.0090	- .0112	- .0114
4.80	- .0023	- .0061	.0092	- .0113	- .0113
4.81	- .0028	- .0064	.0094	- .0113	- .0112
4.82	- .0032	- .0067	.0096	- .0113	- .0110
4.83	- .0036	- .0070	.0098	- .0113	- .0109
4.84	- .0041	- .0073	.0099	- .0113	- .0107
4.85	- .0045	- .0076	.0101	- .0113	- .0105
4.86	- .0049	- .0079	.0102	- .0112	- .0103
4.87	- .0053	- .0081	.0103	- .0112	- .0101
4.88	- .0056	- .0084	.0104	- .0111	- .0099
4.89	- .0060	- .0086	.0104	- .0110	- .0097
4.90	- .0063	- .0088	.0105	- .0109	- .0095
4.91	- .0066	- .0090	.0105	- .0108	- .0098
4.92	- .0069	- .0092	.0106	- .0107	- .0090
4.93	- .0072	- .0093	.0106	- .0106	- .0088
4.94	- .0075	- .0095	.0106	- .0105	- .0085
4.95	- .0078	- .0096	.0106	- .0103	- .0083
4.96	- .0080	- .0097	.0106	- .0102	- .0080
4.97	- .0083	- .0098	.0106	- .0100	- .0078
4.98	- .0085	- .0099	.0105	- .0099	- .0075
4.99	- .0087	- .0100	.0105	- .0097	- .0072
5.00	- .0089	- .0101	.0104	- .0095	- .0070

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
4.50	- .0118	- .0118	- .0106	- .0096	- .0087
4.51	- .0119	- .0118	- .0106	- .0095	- .0086
4.52	- .0120	- .0118	- .0105	- .0094	- .0085
4.53	- .0121	- .0118	- .0104	- .0093	- .0084
4.54	- .0121	- .0117	- .0103	- .0092	- .0083
4.55	- .0122	- .0117	- .0102	- .0091	- .0082
4.56	- .0122	- .0116	- .0101	- .0089	- .0081
4.57	- .0122	- .0116	- .0100	- .0088	- .0079
4.58	- .0122	- .0115	- .0099	- .0087	- .0078
4.59	- .0122	- .0114	- .0097	- .0085	- .0076
4.60	- .0122	- .0113	- .0096	- .0084	- .0075
4.61	- .0121	- .0113	- .0094	- .0082	- .0073
4.62	- .0121	- .0111	- .0093	- .0080	- .0071
4.63	- .0120	- .0109	- .0091	- .0078	- .0070
4.64	- .0119	- .0108	- .0089	- .0077	- .0068
4.65	- .0118	- .0106	- .0087	- .0075	- .0066
4.66	- .0117	- .0105	- .0085	- .0073	- .0064
4.67	- .0116	- .0103	- .0083	- .0071	- .0062
4.68	- .0114	- .0101	- .0081	- .0069	- .0061
4.69	- .0113	- .0099	- .0079	- .0067	- .0059
4.70	- .0111	- .0097	- .0077	- .0065	- .0057
4.71	- .0110	- .0095	- .0075	- .0063	- .0055
4.72	- .0108	- .0093	- .0072	- .0060	- .0053
4.73	- .0106	- .0091	- .0070	- .0058	- .0050
4.74	- .0104	- .0088	- .0068	- .0056	- .0048
4.75	- .0102	- .0086	- .0066	- .0054	- .0046
4.76	- .0100	- .0084	- .0063	- .0052	- .0044
4.77	- .0098	- .0081	- .0061	- .0049	- .0042
4.78	- .0096	- .0079	- .0058	- .0047	- .0040
4.79	- .0093	- .0076	- .0056	- .0045	- .0038
4.80	- .0091	- .0074	- .0053	- .0042	- .0036
4.81	- .0089	- .0071	- .0051	- .0040	- .0034
4.82	- .0086	- .0068	- .0048	- .0038	- .0032
4.83	- .0083	- .0066	- .0046	- .0036	- .0029
4.84	- .0081	- .0063	- .0043	- .0033	- .0027
4.85	- .0078	- .0060	- .0041	- .0031	- .0025
4.86	- .0076	- .0058	- .0038	- .0029	- .0023
4.87	- .0073	- .0055	- .0036	- .0027	- .0021
4.88	- .0070	- .0052	- .0033	- .0024	- .0019
4.89	- .0067	- .0049	- .0031	- .0022	- .0017
4.90	- .0065	- .0047	- .0026	- .0020	- .0015
4.91	- .0062	- .0044	- .0026	- .0018	- .0013
4.92	- .0059	- .0041	- .0024	- .0016	- .0011
4.93	- .0056	- .0038	- .0021	- .0013	- .0009
4.94	- .0053	- .0036	- .0019	- .0011	- .0007
4.95	- .0050	- .0033	- .0017	- .0009	- .0006
4.96	- .0048	- .0030	- .0014	- .0007	- .0004
4.97	- .0045	- .0028	- .0012	- .0005	- .0002
4.98	- .0042	- .0025	- .0010	- .0003	.0000
4.99	- .0039	- .0022	- .0007	- .0001	.0002
5.00	- .0036	- .0020	- .0005	.0000	.0003

W₅(x, r)

X	T	1	1.1	1.25	1.5	2.0
.00		500000000	154937670	266092089	377629668	472877660
.01		61998751	164138668	270859486	375863694	462320227
.02		73732796	172940576	275148894	373646912	451581420
.03		85184477	181333970	278960652	370989569	440498002
.04		96337021	189310391	282295989	367902616	429266907
.05		107174557	196862346	285157010	364397475	417845202
.06		117682130	203983301	287546668	360486207	406250057
.07		127845712	210667674	289468748	356181378	394498710
.08		137652211	216910828	290987841	351496047	382608435
.09		147089480	222709063	291929318	346443734	370596509
.10		156146321	228059601	292479308	341038380	358480177
.11		164812487	232960575	292584666	335294319	346876629
.12		173078685	237411012	292252949	3292286242	334002959
.13		180936575	241410821	291492369	3282849162	321676144
.14		188378766	244960771	290311859	316178378	309313009
.15		195398813	248062474	288720848	309829446	296930203
.16		20191208	250718365	286729425	302018139	284544166
.17		208151375	252931680	284348216	294560417	272171108
.18		213875657	254706431	281588363	286872393	259826980
.19		219161309	256047388	278461502	278970301	247527452
.20		224006477	256960049	274979722	270870457	235287884
.21		228410193	257450617	271155539	262589238	223123309
.22		238372351	257525972	267001859	254143018	211048408
.23		235893694	257193644	262531951	245548246	199077491
.24		238975791	256461788	257759407	236821812	187224475
.25		241621024	255339148	252698115	227978218	175502869
.26		243832559	253835039	247362285	219035446	163925753
.27		245614327	251959305	241766117	210008956	152505764
.28		246971002	249722299	235924367	200914650	141255081
.29		247907974	247134845	239851717	191768254	130185410
.30		248431326	244208215	223563042	182585286	119307973
.31		248547803	240954088	217073223	173381035	108633492
.32		248264794	237384530	210397610	164170534	98178184
.33		247590895	233511953	203550969	154968539	87933749
.34		246532886	229349090	196548589	145789507	77927362
.35		245101702	224908963	189405476	136647574	68161664
.36		243064000	220204849	182136707	127556537	58644762
.37		241157136	215250250	174757250	118529832	49384218
.38		238645428	210058867	167281981	109580521	40387047
.39		235839631	204644561	159725647	100721269	31659718
.40		232693903	199021338	152102846	91964334	23208146
.41		229239177	193203282	144428000	83321552	15037699
.42		225487627	187804590	136715332	74804318	107153193
.43		221451741	181039488	128978642	66423581	100441103
.44		217144289	174722201	121832290	58189829	107741470
.45		212578291	168266982	113489166	50113079	- 14744725
.46		207766989	161688025	105762680	422028070	- 21448227
.47		802783814	154999467	98065736	34468251	- 37849865
.48		197462360	148215354	90410917	269177800	- 33948054
.49		191996349	141349622	82810468	19559515	- 39741728
.50		186339608	134416068	75276278	18401007	- 45230331
.51		180506036	127428389	67819867	105449303	- 50413809
.52		174509576	120399855	60452372	81289062	- 55898599
.53		168364189	113343895	53184532	07808067	- 59867682
.54		162083828	106273470	46026680	14102199	- 64140266
.55		155682406	99201353	38988728	20166461	- 68112382
.56		149173775	92140053	32080158	25996362	- 71786264
.57		148571701	85101796	25310019	31587922	- 75164642
.58		135869835	78098505	18686908	36937666	- 78250666
.59		129141694	71141788	12218976	42042617	- 81047892
.60		122340635	64242919	05913913	- 46900295	- 83560268
.61		115499835	57412826	00281053	51508710	- 85798118
.62		108632866	50662076	06179161	55866352	- 87748131
.63		101750680	44000863	11954117	59972191	- 89433338
.64		94867585	37438999	17540099	63825659	- 90853105
.65		87995228	30985901	22931755	- 67426651	- 92013107
.66		81145576	24650581	28124207	- 70775508	- 52919321
.67		74330301	18441639	33113045	- 73873009	- 93578002
.68		578694764	12367257	37894288	- 76720368	- 539988671
.69		608497997	106435190	42464581	79319191	- 94179094
.70		54202692	00652762	46820792	- 81671523	- 94135270
.71		47635187	- 04973140	50960405	- 83779779	- 93871406
.72		41155456	- 10436069	54881317	- 85646757	- 93394909
.73		34773098	- 15730019	58581874	- 87275621	- 92713362
.74		28497304	- 20849429	62060859	- 88669887	- 91834511
.75		22336904	- 25789183	65317490	- 89833407	- 90766242

$x \backslash r$		$W_5(x, r)$				
		3.0	4.0	6.0	8.0	10.0
.00	5.05181485	4.89062500	4.41418464	4.00509700	3.68010062	
.01	4.87023983	4.68509006	4.20315657	3.80240688	3.48776055	
.02	4.68970454	4.48242777	3.99648539	3.60449746	3.30027983	
.03	4.51035503	4.28274161	3.79421800	3.41138784	3.11765925	
.04	4.33233526	4.08613208	3.59639817	3.22309191	2.93989704	
.05	4.15578689	3.89269646	3.40306646	3.03962124	2.76698883	
.06	3.98084901	3.70252866	3.21426004	2.86098440	2.59892758	
.07	3.80765795	3.51571902	3.03001265	2.68186889	2.43570353	
.08	3.63634699	3.33235421	2.85035449	2.51823111	2.27730412	
.09	3.46704618	3.15251700	2.67531212	2.35411624	2.12371399	
.10	3.299888214	2.97628620	2.50490838	2.19483823	1.97491493	
.11	3.13497785	2.80373647	2.33916237	2.04038976	1.83088584	
.12	2.97245246	2.63493825	2.17808933	1.89076020	1.69160272	
.13	2.81242112	2.46995762	2.02170064	1.74593558	1.55703867	
.14	2.65499481	2.30885621	1.87000376	1.60589859	1.42716387	
.15	2.50028019	2.15169110	1.72300220	1.47062856	1.30194557	
.16	2.34837944	1.99851479	1.58069550	1.34010145	1.18134811	
.17	2.19939016	1.84937507	1.44307922	1.21428990	1.06533297	
.18	2.05340520	1.70431499	1.31014494	1.09316317	9.5385874	
.19	1.91051258	1.56337284	1.18188025	9.7668723	8.4688115	
.20	1.77079539	1.42658208	1.05826879	8.6482477	7.4435315	
.21	1.63433170	1.29397131	9.39290823	7.5753520	6.4622492	
.22	1.50119444	1.16556427	8.2492034	6.5477475	5.5244390	
.23	1.37145141	1.04137986	7.1513100	5.5649647	4.6295488	
.24	1.24516515	9.2143209	6.0989027	4.6265031	3.7770004	
.25	1.12239295	8.0573010	5.0916240	3.7318320	2.9661901	
.26	1.00318676	6.9427824	4.1290793	3.8803905	2.1964894	
.27	.88759323	5.8707603	3.2108374	2.8715891	1.4672457	
.28	.77565365	4.8411826	2.3364314	1.3044098	.07777832	
.29	.66740396	3.8539497	1.5053590	.05794072	.01274037	
.30	.56287475	.29089158	.07170838	-.01052905	-.04846128	
.31	.46209131	.20058892	-.02889636	-.07499809	-.10590070	
.32	.36507362	.11446328	-.07333856	-.13553861	-.15965391	
.33	.27183640	.03248656	-.13968153	-.19222517	-.20979884	
.34	.18238915	-.04537372	-.20199164	-.24513461	-.25641518	
.35	.09673623	-.11915429	-.26033815	-.29434591	-.29958431	
.36	.01487689	-.18889601	-.31479316	-.33994007	-.33938918	
.37	-.06319463	-.25464378	-.36543140	-.38200003	-.37591419	
.38	-.13748905	-.31644644	-.41233020	-.42061054	-.40924512	
.39	-.20802192	-.37435662	-.45556927	-.45585801	-.43946899	
.40	-.27481357	-.42843064	-.49523067	-.48783043	-.46667393	
.41	-.33788896	-.47872837	-.53139858	-.51661783	-.49094911	
.42	-.39727760	-.52531309	-.56415925	-.54230914	-.51238460	
.43	-.45301344	-.56825136	-.59360080	-.56499809	-.53107123	
.44	-.50513471	-.60761287	-.61981309	-.58477707	-.54710055	
.45	-.55368383	-.64347029	-.64288762	-.60174000	-.56056461	
.46	-.59870725	-.67589913	-.65891736	-.61598160	-.57155595	
.47	-.64025533	-.70497760	-.67999658	-.62759727	-.58016737	
.48	-.67838218	-.73078641	-.69422075	-.63668296	-.58649194	
.49	-.71314551	-.75340865	-.70568639	-.64333504	-.59062278	
.50	-.74460650	-.77292962	-.71449089	-.64765017	-.59265299	
.51	-.77282961	-.78943667	-.72073242	-.64972516	-.59267555	
.52	-.79788245	-.80301904	-.72450973	-.64965689	-.59078317	
.53	-.81983561	-.81376768	-.72859220	-.64754213	-.58706822	
.54	-.83876247	-.82177510	-.72506895	-.64347747	-.58162260	
.55	-.85473906	-.82713523	-.72205016	-.63755914	-.57453761	
.56	-.86784391	-.82994320	-.71696545	-.62988296	-.56590392	
.57	-.87815781	-.83029523	-.70991451	-.62054416	-.55581138	
.58	-.88576372	-.82828844	-.70099683	-.60963731	-.54434897	
.59	-.89074653	-.82402068	-.69031149	-.59725618	-.53160470	
.60	-.89319294	-.81759041	-.67795713	-.58349366	-.51766551	
.61	-.89319124	-.80909651	-.66403173	-.56844168	-.50261717	
.62	-.89083118	-.79683810	-.64863258	-.55219084	-.48654420	
.63	-.88620377	-.78631447	-.63185605	-.53483089	-.46952979	
.64	-.87940111	-.77222848	-.61379759	-.51645002	-.45165570	
.65	-.87051625	-.75646817	-.59455151	-.49713511	-.43300220	
.66	-.85964298	-.73914326	-.57421094	-.47697155	-.41364799	
.67	-.84687567	-.72034829	-.55886769	-.45604316	-.39367013	
.68	-.83230916	-.70018088	-.53061814	-.43443210	-.37314395	
.69	-.81603851	-.67873788	-.50753319	-.41221881	-.35214308	
.70	-.79815891	-.65611527	-.48371809	-.38948193	-.33073906	
.71	-.77876549	-.63240800	-.45925242	-.36629888	-.30900191	
.72	-.75795320	-.60770989	-.43421995	-.34274249	-.28699945	
.73	-.73581659	-.58211350	-.40870259	-.31888758	-.26479757	
.74	-.71244974	-.55571001	-.38278029	-.29480425	-.24246012	
.75	-.68794607	-.52858912	-.35653099	-.27056115	-.22004885	

$W_5(x, r)$

x	r	1	1.1	1.25	1.5	2.0
.75		28336904	-25789183	.65317490	-89833407	.90766242
.76		16300297	.30644609	.68351408	.90770358	.89516573
.77		10395480	.35111481	.71162672	.91485225	.88093628
.78		.04530029	.39486014	.73751746	.91982785	.86505626
.79		-.00988901	.43664863	.76119492	.92268094	.84760862
.80		-.06454587	-.47645120	.78267159	.92346470	.82867693
.81		-.11760733	-.51424311	.80196372	.92223478	.80834518
.82		-.16901479	-.55000386	.81909118	.91904915	.78669765
.83		-.21871400	-.58371721	.83407741	.91396793	.76381875
.84		-.26665506	-.61537107	.84694921	.90705322	.73979286
.85		-.31279247	-.64495742	.85773668	.89836897	.71470419
.86		-.35708504	-.67247229	.86647309	.88798081	.68863562
.87		-.39949595	-.69791563	.87319458	.87595587	.66167357
.88		-.43999267	-.72129122	.87794060	.86236266	.63389786
.89		-.47854697	-.74260663	.88075275	.84727088	.60539158
.90		-.51513484	-.76187307	.88167562	.83075127	.57623594
.91		-.54973646	-.77910529	.88075616	.81287548	.54651117
.92		-.58233616	-.79432153	.87804364	.79371588	.51689638
.93		-.61292234	-.80754333	.87358952	.77334543	.48566946
.94		-.64146738	-.81879546	.86744736	.75183754	.45470694
.95		-.66802764	-.82810581	.85967222	.72926591	.42348393
.96		-.69254330	-.83550524	.85032149	.70570437	.39807398
.97		-.71503831	-.84102746	.83945374	.681282678	.36054898
.98		-.73552030	-.84470893	.82712910	.65590687	.32897911
.99		-.75400048	-.84658868	.81340899	.62981810	.29743278
1.00		-.77049353	-.84670823	.79835556	.60303353	.26597624
1.01		-.78501751	-.84511142	.78203359	.57562570	.23467415
1.02		-.79759376	-.84184430	.76450633	.54766653	.20358886
1.03		-.80824674	-.83695495	.74583932	.51922715	.17278067
1.04		-.81700396	-.83049341	.72609832	.49037782	.14230771
1.05		-.82389585	-.82251148	.70534950	.46118781	.11228589
1.06		-.82895561	-.81306262	.68365939	.43172530	.08258884
1.07		-.83221913	-.80220178	.66109464	.40205727	.05344788
1.08		-.83372482	-.78998530	.63772199	.37224939	.02485194
1.09		-.83351351	-.77647073	.61360810	.34236597	.00315238
1.10		-.83162830	-.76171673	.58881939	.31246982	.03058098
1.11		-.82861443	-.74578291	.56342199	.28262220	.05721211
1.12		-.82301916	-.72872971	.53748159	.252888274	.08318655
1.13		-.81639160	-.71051625	.51106329	.22330934	.10840750
1.14		-.80826264	-.69151021	.48423157	.19395813	.1384067
1.15		-.79874478	-.67146770	.45705009	.46488341	.15645423
1.16		-.78783180	-.65055314	.42958167	.13613755	.17921883
1.17		-.77559913	-.62882910	.40188814	.10777099	.20110762
1.18		-.76210318	-.60635822	.37403025	.07983214	.22809618
1.19		-.74740147	-.58320308	.34606761	.05236738	.24216255
1.20		-.73185246	-.55942605	.31805857	.02542100	.26128719
1.21		-.714615	-.535089	.290060	.000965	.279453
1.22		-.696650	-.510254	.262128	.026750	.295645
1.23		-.677717	-.484982	.234316	.051897	.312851
1.24		-.657877	-.459334	.206677	.076370	.328061
1.25		-.637192	-.433369	.179263	.100135	.342267
1.26		-.615722	-.407146	.152121	.123162	.355464
1.27		-.593529	-.380724	.125300	.145422	.367647
1.28		-.570675	-.354159	.098846	.166886	.378817
1.29		-.547219	-.327507	.072803	.187532	.388972
1.30		-.523224	-.300824	.047212	.207337	.398118
1.31		-.498749	-.274162	.022114	.226281	.406857
1.32		-.473854	-.247574	.002453	.244345	.413397
1.33		-.448599	-.221111	.026452	.261515	.419547
1.34		-.423042	-.194822	.049849	.277776	.484717
1.35		-.397240	-.168756	.072611	.293118	.428919
1.36		-.371251	-.142957	.094710	.307531	.432166
1.37		-.345130	-.117471	.116115	.321007	.434475
1.38		-.318932	-.092341	.136802	.333541	.435861
1.39		-.298711	-.067609	.156745	.345131	.436344
1.40		-.2666516	-.043313	.175923	.355775	.435944
1.41		-.240405	-.019491	.194315	.365474	.434680
1.42		-.214422	-.003820	.211903	.374229	.438576
1.43		-.188616	-.026587	.228672	.382046	.429554
1.44		-.163035	-.048778	.244606	.388931	.425940
1.45		-.137723	.070368	.259695	.394891	.421458
1.46		-.112724	.091311	.273927	.399935	.416236
1.47		-.089081	.111599	.287295	.404076	.410301
1.48		-.063833	.131800	.299792	.407325	.405680
1.49		-.040019	.150093	.311414	.409696	.396402
1.50		-.016675	.168257	.322158	.411205	.388499

W₅(x, r)

X \ T	3.0	4.0	6.0	8.0	10.0
.75	- .68794607	- .52858918	- .35653099	- .27056115	- .182004885
.76	- .66239824	- .50083893	- .33003053	- .24622477	- .19762342
.77	- .63589796	- .47254583	- .30335261	- .22185940	- .17524132
.78	- .60853591	- .44379444	- .27656869	- .19752709	- .15295784
.79	- .58040159	- .41466748	- .24974798	- .17328759	- .13082609
.80	- .55158319	- .38524570	- .22295737	- .14919836	- .10889693
.81	- .52216750	- .35560778	- .19626137	- .12531450	- .08721898
.82	- .49223979	- .32583029	- .16928210	- .10168876	- .06583860
.83	- .46188366	- .29598756	- .14339922	- .07837149	- .04479988
.84	- .43118102	- .26615168	- .11734995	- .05541066	- .02414460
.85	- .40021192	- .23639237	- .09162898	- .03285182	- .00391231
.86	- .36905449	- .20677700	- .06628849	- .01073810	.01585975
.87	- .33778486	- .17737046	- .04137812	.01088976	.03513664
.88	- .30647705	- .14823517	- .01694497	.03199349	.05388564
.89	- .27520293	- .11943101	- .00696644	.05253719	.07207633
.90	- .24403212	- .09101530	.03031415	.07848737	.08968047
.91	- .21303195	- .06304277	.05305875	.09181294	.10667212
.92	- .18826738	- .03556550	.07516340	.11048519	.12308749
.93	- .15180096	- .00853297	.09659381	.12847775	.13872500
.94	- .12169277	.01770803	.11731821	.14576659	.15374519
.95	- .09200040	.04341337	.13730737	.16832999	.16807076
.96	- .06277887	.06844159	.15653456	.17814850	.18168645
.97	- .03408064	.09275390	.17497552	.19320493	.19457909
.98	- .00595558	.11631420	.19260844	.20748428	.20673751
.99	.02154908	.13908902	.20941392	.22097378	.21815252
1.00	.04838878	.16104758	.22537495	.23366856	.28881685
1.01	.07452156	.18216171	.24047687	.24554280	.23872513
1.02	.09990814	.20240584	.25470732	.25660506	.24787382
1.03	.12451192	.22175702	.26805618	.26684957	.25626118
1.04	.14829894	.24019482	.28051556	.27627008	.26388719
1.05	.17123789	.25770136	.29207974	.28486685	.27075353
1.06	.19330010	.27426125	.30274510	.29264096	.27686351
1.07	.21445952	.28986153	.31251008	.29959526	.28222020
1.08	.23469271	.30449165	.32137510	.30573434	.28683547
1.09	.25397878	.31814348	.32934256	.31106442	.29071173
1.10	.27229943	.33081096	.33641671	.31559333	.29386007
1.11	.28963681	.34249063	.34260363	.31933045	.29629111
1.12	.30598361	.35318101	.34791114	.32828660	.29801674
1.13	.32132290	.36288280	.35234877	.32447404	.29905008
1.14	.33564816	.37159880	.35592765	.32590634	.29940541
1.15	.34895324	.37933380	.35866048	.32659837	.29909811
1.16	.36123423	.38609457	.36056143	.32656620	.29814458
1.17	.37246949	.39188976	.36164609	.32582704	.29656219
1.18	.38271956	.39672981	.36193139	.32439918	.29436923
1.19	.39192710	.40062694	.36143552	.32230190	.29158483
1.20	.40011683	.40359504	.36017788	.31955545	.28822889
1.21	.407295	.405650	.358179	.316181	.284322
1.22	.413472	.406808	.355460	.312200	.279886
1.23	.418656	.407087	.352045	.307636	.274941
1.24	.422861	.406509	.347956	.302513	.269512
1.25	.4261100	.405094	.343817	.296851	.263620
1.26	.428389	.402863	.337854	.290679	.257288
1.27	.429745	.399842	.331893	.284019	.250542
1.28	.430188	.395054	.325359	.276898	.243403
1.29	.429736	.391525	.318280	.269348	.235897
1.30	.428413	.386281	.310684	.261375	.228048
1.31	.426240	.380350	.302597	.253025	.219681
1.32	.423242	.373759	.294049	.244317	.211419
1.33	.419443	.366539	.285067	.235279	.202688
1.34	.414871	.358717	.275681	.225937	.193712
1.35	.409551	.350323	.265918	.216316	.184516
1.36	.403512	.341389	.255809	.206445	.175183
1.37	.396782	.331945	.245381	.196348	.165556
1.38	.389392	.328022	.234664	.186052	.155845
1.39	.381371	.311650	.223687	.175584	.146008
1.40	.372750	.300863	.212478	.164969	.136069
1.41	.363560	.289691	.201066	.154231	.126052
1.42	.353833	.278165	.189478	.143397	.115980
1.43	.343600	.266318	.177743	.132491	.105875
1.44	.332894	.254181	.165888	.121537	.095758
1.45	.321748	.241784	.153940	.110559	.085650
1.46	.310193	.229161	.141927	.099580	.075573
1.47	.298263	.216340	.129873	.088623	.065547
1.48	.285990	.203353	.117805	.077709	.055590
1.49	.273407	.190230	.105748	.066861	.045723
1.50	.260545	.177000	.093725	.056099	.035963

W₅(x, r)

X	T	1	1.1	1.25	1.5	2.0
1.50	- .0166	1682	3221	4112	3884	
1.51	.0061	1857	3320	4119	3800	
1.52	.0284	2023	3410	4117	3709	
1.53	.0502	2182	3491	4106	3613	
1.54	.0713	2333	3564	4090	3512	
1.55	.0918	2475	3627	4065	3406	
1.56	.1117	2610	3683	4032	3296	
1.57	.1308	2736	3729	3992	3188	
1.58	.1493	2855	3768	3945	3063	
1.59	.1671	2964	3798	3892	2948	
1.60	.1841	3066	3820	3832	2817	
1.61	.2004	3159	3833	3766	2690	
1.62	.2159	3244	3839	3693	2560	
1.63	.2306	3320	3838	3616	2428	
1.64	.2445	3388	3829	3533	2394	
1.65	.2576	3448	3818	3448	2158	
1.66	.2700	3500	3789	3552	2021	
1.67	.2815	3544	3758	3254	1883	
1.68	.2923	3580	3781	3153	1745	
1.69	.3021	3608	3678	3047	1606	
1.70	.3111	3628	3628	2938	1467	
1.71	.3193	3641	3578	2825	1328	
1.72	.3268	3646	3511	2710	1190	
1.73	.3334	3645	3444	2592	1052	
1.74	.3392	3636	3372	2471	0915	
1.75	.3442	3620	3295	3449	0780	
1.76	.3484	3597	3213	2224	0646	
1.77	.3519	3568	3127	2098	0514	
1.78	.3545	3532	3036	1971	0384	
1.79	.3564	3491	3948	1848	0255	
1.80	.3576	3443	2844	1713	0130	
1.81	.3581	3390	2743	1584	0006	
1.82	.3578	3332	2639	1454	0115	
1.83	.3568	3268	2531	1324	0332	
1.84	.3552	3199	2428	1195	0347	
1.85	.3529	3126	2310	1066	0459	
1.86	.3500	3048	2196	0938	0567	
1.87	.3464	2966	2081	0811	0571	
1.88	.3423	2880	1964	0686	0778	
1.89	.3376	2791	1846	0562	0870	
1.90	.3323	2698	1727	0439	0963	
1.91	.3265	2601	1607	0319	1053	
1.92	.3202	2502	1487	0200	1138	
1.93	.3134	2401	1366	0084	1280	
1.94	.3062	2297	1246	0030	1297	
1.95	.2985	2191	1126	0141	1370	
1.96	.2904	2083	1007	0249	1439	
1.97	.2819	1973	0888	0355	1504	
1.98	.2731	1862	0770	0457	1564	
1.99	.2639	1750	0654	0556	1619	
2.00	.2545	1637	0538	0652	1571	
2.01	.2447	1524	0425	0745	1718	
2.02	.2347	1410	0313	0834	1761	
2.03	.2245	1296	0203	0919	1799	
2.04	.2141	1182	0095	1001	1833	
2.05	.2034	1068	- .0011	1078	1863	
2.06	.1927	0955	- .0114	1152	1888	
2.07	.1818	0842	- .0214	1223	1909	
2.08	.1708	0731	- .0318	1289	1926	
2.09	.1597	0620	- .0408	1351	1939	
2.10	.1485	0511	- .0500	1409	1948	
2.11	.1373	0403	- .0589	1463	1953	
2.12	.1261	0297	- .0675	1513	1954	
2.13	.1149	0193	- .0758	1559	1952	
2.14	.1038	0091	- .0837	1601	1945	
2.15	.0927	- .0009	- .0913	1639	1935	
2.16	.0816	- .0107	- .0985	1673	1922	
2.17	.0707	- .0802	- .1054	1703	1905	
2.18	.0599	- .0895	- .1119	1729	1885	
2.19	.0492	- .0385	- .1181	1751	1861	
2.20	.0386	- .0472	- .1239	1769	1835	
2.21	.0282	- .0557	- .1293	1783	1805	
2.22	.0180	- .0638	- .1344	1794	1773	
2.23	.0080	- .0716	- .1390	1801	1738	
2.24	- .0018	- .0791	- .1433	1804	1701	
2.25	- .0114	- .0863	- .1473	1803	1661	

W₅(x, r)

X \ R	3.0	4.0	6.0	8.0	10.0
1.50	.2605	1.770	.0937	.0560	.0359
1.51	.2475	1.637	.0818	.0455	.0263
1.52	.2342	1.503	.0699	.0349	.0168
1.53	.2205	1.370	.0581	.0245	.0075
1.54	.2070	1.236	.0465	.0143	-.0017
1.55	.1932	1.103	.0350	.0043	-.0106
1.56	.1794	.0970	.0236	.0056	-.0194
1.57	.1654	.0838	.0125	.0152	-.0279
1.58	.1515	.0707	.0015	.0246	-.0363
1.59	.1375	.0578	-.0092	.0338	-.0443
1.60	.1236	.0450	-.0197	.0427	-.0522
1.61	.1097	.0324	-.0299	.0513	-.0597
1.62	.0959	.0200	-.0399	.0597	-.0670
1.63	.0822	.0078	-.0495	.0678	-.0740
1.64	.0686	-.0042	-.0589	.0756	-.0808
1.65	.0552	-.0159	-.0680	.0830	-.0872
1.66	.0420	-.0273	-.0767	.0903	-.0933
1.67	.0290	-.0384	-.0851	.0970	-.0991
1.68	.0162	-.0492	-.0932	.1035	-.1046
1.69	.0036	-.0597	-.1009	.1097	-.1098
1.70	-.0087	-.0698	-.1083	-.1155	-.1147
1.71	-.0207	-.0796	-.1153	-.1210	-.1192
1.72	-.0324	-.0890	-.1219	-.1261	-.1234
1.73	-.0439	-.0981	-.1283	-.1308	-.1273
1.74	-.0549	-.1068	-.1340	-.1353	-.1309
1.75	-.0657	-.1150	-.1395	-.1393	-.1341
1.76	-.0761	-.1229	-.1446	-.1430	-.1370
1.77	-.0861	-.1304	-.1493	-.1464	-.1395
1.78	-.0957	-.1375	-.1536	-.1494	-.1418
1.79	-.1049	-.1441	-.1576	-.1520	-.1437
1.80	-.1137	-.1503	-.1611	-.1543	-.1453
1.81	-.1222	-.1561	-.1643	-.1562	-.1466
1.82	-.1302	-.1615	-.1670	-.1578	-.1476
1.83	-.1377	-.1665	-.1694	-.1591	-.1483
1.84	-.1449	-.1710	-.1714	-.1600	-.1486
1.85	-.1516	-.1751	-.1731	-.1606	-.1487
1.86	-.1578	-.1787	-.1743	-.1609	-.1485
1.87	-.1637	-.1820	-.1752	-.1609	-.1480
1.88	-.1691	-.1848	-.1758	-.1605	-.1472
1.89	-.1740	-.1872	-.1760	-.1599	-.1462
1.90	-.1785	-.1892	-.1758	-.1589	-.1449
1.91	-.1825	-.1908	-.1753	-.1577	-.1433
1.92	-.1862	-.1919	-.1745	-.1562	-.1415
1.93	-.1893	-.1927	-.1734	-.1544	-.1395
1.94	-.1921	-.1931	-.1720	-.1523	-.1373
1.95	-.1944	-.1931	-.1702	-.1501	-.1348
1.96	-.1963	-.1928	-.1682	-.1475	-.1381
1.97	-.1977	-.1921	-.1659	-.1448	-.1292
1.98	-.1988	-.1910	-.1633	-.1418	-.1262
1.99	-.1994	-.1896	-.1605	-.1386	-.1229
2.00	-.1997	-.1878	-.1574	-.1352	-.1195
2.01	-.1995	-.1857	-.1541	-.1317	-.1160
2.02	-.1990	-.1834	-.1505	-.1279	-.1123
2.03	-.1981	-.1807	-.1468	-.1240	-.1084
2.04	-.1969	-.1777	-.1428	-.1199	-.1045
2.05	-.1953	-.1745	-.1387	-.1157	-.1004
2.06	-.1933	-.1709	-.1343	-.1114	-.0962
2.07	-.1910	-.1672	-.1299	-.1069	-.0919
2.08	-.1884	-.1632	-.1252	-.1024	-.0875
2.09	-.1855	-.1589	-.1204	-.0977	-.0831
2.10	-.1824	-.1545	-.1155	-.0929	-.0786
2.11	-.1769	-.1499	-.1105	-.0881	-.0740
2.12	-.1751	-.1450	-.1054	-.0832	-.0694
2.13	-.1711	-.1400	-.1002	-.0785	-.0648
2.14	-.1669	-.1349	-.0949	-.0733	-.0602
2.15	-.1625	-.1296	-.0896	-.0683	-.0555
2.16	-.1578	-.1241	-.0841	-.0632	-.0508
2.17	-.1529	-.1186	-.0787	-.0582	-.0461
2.18	-.1479	-.1189	-.0732	-.0532	-.0415
2.19	-.1426	-.1072	-.0677	-.0481	-.0369
2.20	-.1372	-.1014	-.0628	-.0431	-.0323
2.21	-.1317	-.0955	-.0567	-.0381	-.0277
2.22	-.1261	-.0895	-.0512	-.0331	-.0232
2.23	-.1203	-.0835	-.0457	-.0282	-.0187
2.24	-.1144	-.0775	-.0403	-.0234	-.0143
2.25	-.1084	-.0715	-.0349	-.0186	-.0100

$W_5(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
2.25	- .0114	- .0863	- 1.473	- 1.803	- 1.661
2.26	- .0207	- .0938	- 1.508	- 1.799	- 1.619
2.27	- .0298	- .0997	- 1.540	- 1.798	- 1.574
2.28	- .0386	- 1.059	- 1.568	- 1.788	- 1.528
2.29	- .0471	- 1.117	- 1.598	- 1.768	- 1.480
2.30	- .0554	- 1.172	- 1.613	- 1.751	- 1.430
2.31	- .0633	- 1.223	- 1.630	- 1.731	- 1.378
2.32	- .0710	- 1.271	- 1.644	- 1.708	- 1.325
2.33	- .0783	- 1.315	- 1.654	- 1.683	- 1.270
2.34	- .0853	- 1.356	- 1.660	- 1.654	- 1.215
2.35	- .0920	- 1.393	- 1.664	- 1.624	- 1.158
2.36	- .0984	- 1.427	- 1.664	- 1.590	- 1.100
2.37	- .1044	- 1.457	- 1.660	- 1.555	- 1.041
2.38	- .1101	- 1.483	- 1.654	- 1.517	- 9982
2.39	- .1155	- 1.506	- 1.645	- 1.477	- 9988
2.40	- .1205	- 1.526	- 1.632	- 1.435	- .0862
2.41	- .1251	- 1.548	- 1.617	- 1.398	- .0802
2.42	- .1294	- 1.555	- 1.599	- 1.347	- .0741
2.43	- .1334	- 1.564	- 1.578	- 1.300	- .0680
2.44	- .1370	- 1.570	- 1.555	- 1.251	- .0620
2.45	- .1402	- 1.574	- 1.529	- 1.208	- .0559
2.46	- .1432	- 1.573	- 1.501	- 1.151	- .0499
2.47	- .1457	- 1.570	- 1.470	- 1.099	- .0439
2.48	- .1480	- 1.564	- 1.438	- 1.046	- .0380
2.49	- .1498	- 1.555	- 1.403	- 0.993	- .0321
2.50	- .1514	- 1.544	- 1.367	- 0.938	- .0263
2.51	- .1526	- 1.529	- 1.326	- 0.883	- .0206
2.52	- .1535	- 1.512	- 1.288	- 0.828	- .0150
2.53	- .1541	- 1.492	- 1.247	- 0.778	- .0095
2.54	- .1544	- 1.470	- 1.203	- 0.716	- .0041
2.55	- .1543	- 1.446	- 1.159	- 0.660	.0018
2.56	- .1540	- 1.419	- 1.113	- 0.604	.0064
2.57	- .1534	- 1.390	- 1.066	- 0.548	.114
2.58	- .1525	- 1.359	- 1.019	- 0.493	.0063
2.59	- .1513	- 1.327	- 0.970	- 0.437	.0011
2.60	- .1499	- 1.292	- 0.921	- 0.388	.0257
2.61	- .1488	- 1.256	- 0.870	- 0.348	.0308
2.62	- .1468	- 1.218	- 0.820	- 0.274	.0345
2.63	- .1440	- 1.178	- 0.769	- 0.221	.0386
2.64	- .1416	- 1.137	- 0.717	- 0.168	.0426
2.65	- .1389	- 1.095	- 0.666	- 0.117	.0464
2.66	- .1361	- 1.058	- 0.614	- 0.066	.0500
2.67	- .1330	- 1.008	- 0.562	- 0.017	.0534
2.68	- .1298	- 0.963	- 0.511	- 0.038	.0567
2.69	- .1264	- 0.916	- 0.459	- 0.079	.0598
2.70	- .1228	- 0.870	- 0.408	- 0.125	.0686
2.71	- .1191	- 0.822	- 0.357	- 0.169	.0653
2.72	- .1152	- 0.774	- 0.307	- 0.213	.0679
2.73	- .1112	- 0.726	- 0.257	- 0.255	.0702
2.74	- .1070	- 0.677	- 0.208	- 0.295	.0723
2.75	- .1028	- 0.629	- 0.160	- 0.334	.0743
2.76	- .0984	- 0.580	- 0.112	- 0.378	.0760
2.77	- .0940	- 0.531	- 0.066	- 0.408	.0776
2.78	- .0895	- 0.483	- 0.020	- 0.448	.0790
2.79	- .0849	- 0.433	- 0.025	- 0.475	.0802
2.80	- .0802	- 0.385	.0068	.0506	.0812
2.81	- .0755	- 0.337	.0111	.0535	.0820
2.82	- .0708	- 0.289	.0152	.0562	.0827
2.83	- .0660	- 0.242	.0192	.0588	.0838
2.84	- .0612	- 0.196	.0231	.0613	.0835
2.85	- .0564	- .0150	.0269	.0635	.0836
2.86	- .0516	- .0105	.0305	.0655	.0836
2.87	- .0468	- .0061	.0340	.0674	.0834
2.88	- .0420	- .0018	.0373	.0691	.0831
2.89	- .0373	.0025	.0404	.0707	.0826
2.90	- .0326	.0066	.0435	.0781	.0820
2.91	- .0279	.0106	.0463	.0733	.0812
2.92	- .0233	.0145	.0491	.0743	.0803
2.93	- .0188	.0183	.0516	.0758	.0792
2.94	- .0143	.0220	.0540	.0759	.0780
2.95	- .0099	.0255	.0562	.0764	.0767
2.96	- .0056	.0289	.0583	.0768	.0753
2.97	- .0013	.0322	.0602	.0770	.0737
2.98	.0028	.0354	.0620	.0770	.0721
2.99	.0069	.0384	.0636	.0770	.0704
3.00	.0108	.0412	.0650	.0767	.0685

$W_5(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
2.25	- .1084	- .0715	- .0349	- .0186	- .0100
2.26	- .1024	- .0655	- .0296	- .0138	- .0057
2.27	- .0963	- .0595	- .0243	- .0092	- .0015
2.28	- .0901	- .0535	- .0191	- .0046	.0025
2.29	- .0840	- .0475	- .0139	- .0002	.0065
2.30	- .0778	- .0416	- .0089	.0042	.0104
2.31	- .0715	- .0357	.0039	.0085	.0142
2.32	- .0653	- .0299	.0009	.0186	.0179
2.33	- .0591	- .0242	.0057	.0167	.0214
2.34	- .0529	- .0185	.0103	.0206	.0249
2.35	- .0468	- .0129	.0148	.0244	.0282
2.36	- .0407	- .0075	.0191	.0281	.0314
2.37	- .0347	- .0021	.0234	.0316	.0344
2.38	- .0287	.0031	.0275	.0350	.0374
2.39	- .0228	.0082	.0314	.0382	.0401
2.40	- .0170	.0132	.0352	.0413	.0428
2.41	- .0113	.0161	.0389	.0443	.0453
2.42	- .0058	.0228	.0424	.0471	.0477
2.43	- .0003	.0273	.0457	.0498	.0499
2.44	.0051	.0317	.0489	.0523	.0520
2.45	.0103	.0360	.0519	.0546	.0539
2.46	.0154	.0400	.0548	.0568	.0557
2.47	.0203	.0440	.0574	.0588	.0573
2.48	.0251	.0477	.0600	.0607	.0588
2.49	.0297	.0512	.0623	.0624	.0602
2.50	.0342	.0546	.0645	.0640	.0614
2.51	.0385	.0578	.0665	.0654	.0625
2.52	.0426	.0608	.0683	.0666	.0634
2.53	.0466	.0637	.0699	.0677	.0642
2.54	.0504	.0663	.0714	.0686	.0648
2.55	.0540	.0688	.0727	.0694	.0653
2.56	.0574	.0710	.0738	.0701	.0657
2.57	.0606	.0731	.0748	.0705	.0659
2.58	.0636	.0750	.0756	.0709	.0660
2.59	.0665	.0767	.0763	.0711	.0660
2.60	.0691	.0783	.0768	.0711	.0658
2.61	.0716	.0796	.0771	.0711	.0655
2.62	.0738	.0807	.0773	.0708	.0651
2.63	.0759	.0817	.0773	.0705	.0646
2.64	.0778	.0825	.0772	.0700	.0640
2.65	.0795	.0831	.0769	.0694	.0633
2.66	.0810	.0836	.0765	.0687	.0624
2.67	.0823	.0838	.0759	.0679	.0615
2.68	.0834	.0840	.0752	.0669	.0605
2.69	.0843	.0839	.0744	.0659	.0594
2.70	.0850	.0837	.0735	.0648	.0582
2.71	.0856	.0833	.0724	.0635	.0569
2.72	.0860	.0828	.0713	.0628	.0555
2.73	.0862	.0821	.0700	.0607	.0540
2.74	.0863	.0813	.0686	.0592	.0525
2.75	.0861	.0803	.0671	.0576	.0510
2.76	.0858	.0793	.0655	.0560	.0493
2.77	.0854	.0780	.0639	.0543	.0476
2.78	.0848	.0767	.0621	.0525	.0459
2.79	.0841	.0753	.0603	.0506	.0441
2.80	.0838	.0737	.0584	.0487	.0482
2.81	.0821	.0780	.0564	.0467	.0403
2.82	.0810	.0703	.0544	.0447	.0384
2.83	.0797	.0684	.0523	.0427	.0365
2.84	.0782	.0664	.0501	.0406	.0345
2.85	.0767	.0644	.0480	.0385	.0325
2.86	.0750	.0623	.0457	.0364	.0305
2.87	.0733	.0601	.0435	.0342	.0285
2.88	.0714	.0579	.0411	.0320	.0265
2.89	.0695	.0556	.0388	.0299	.0244
2.90	.0674	.0532	.0365	.0277	.0224
2.91	.0653	.0508	.0341	.0255	.0204
2.92	.0631	.0483	.0317	.0233	.0183
2.93	.0608	.0458	.0294	.0211	.0163
2.94	.0585	.0433	.0270	.0189	.0143
2.95	.0561	.0408	.0246	.0168	.0184
2.96	.0537	.0382	.0222	.0146	.0104
2.97	.0513	.0356	.0199	.0125	.0085
2.98	.0486	.0330	.0175	.0104	.0066
2.99	.0460	.0304	.0152	.0084	.0047
3.00	.0434	.0278	.0129	.0063	.0029

$W_5(x, r)$

X \ T	I	I.1	1.25	1.5	2.0
3.00	.0108	.0418	.0650	.0767	.0685
3.01	.0146	.0439	.0663	.0763	.0666
3.02	.0183	.0465	.0674	.0758	.0646
3.03	.0219	.0489	.0684	.0752	.0685
3.04	.0254	.0518	.0698	.0744	.0603
3.05	.0287	.0533	.0699	.0735	.0581
3.06	.0319	.0552	.0704	.0725	.0558
3.07	.0350	.0570	.0707	.0713	.0534
3.08	.0379	.0587	.0709	.0701	.0510
3.09	.0407	.0602	.0710	.0687	.0486
3.10	.0435	.0616	.0709	.0672	.0461
3.11	.0458	.0628	.0707	.0657	.0436
3.12	.0482	.0638	.0704	.0640	.0410
3.13	.0504	.0647	.0699	.0683	.0385
3.14	.0526	.0658	.0693	.0604	.0359
3.15	.0544	.0661	.0686	.0585	.0333
3.16	.0561	.0666	.0678	.0566	.0307
3.17	.0577	.0669	.0668	.0546	.0281
3.18	.0592	.0671	.0658	.0525	.0255
3.19	.0605	.0678	.0646	.0503	.0230
3.20	.0617	.0671	.0634	.0481	.0204
3.21	.0627	.0669	.0620	.0459	.0178
3.22	.0636	.0666	.0606	.0436	.0153
3.23	.0643	.0681	.0591	.0413	.0128
3.24	.0649	.0686	.0575	.0390	.0104
3.25	.0654	.0649	.0558	.0366	.0080
3.26	.0657	.0641	.0541	.0343	.0056
3.27	.0658	.0632	.0523	.0319	.0038
3.28	.0659	.0622	.0504	.0295	.0010
3.29	.0658	.0611	.0485	.0271	- .0013
3.30	.0656	.0599	.0465	.0247	- .0035
3.31	.0653	.0587	.0445	.0223	- .0056
3.32	.0648	.0573	.0424	.0200	- .0077
3.33	.0643	.0559	.0403	.0176	- .0097
3.34	.0636	.0544	.0388	.0153	- .0116
3.35	.0628	.0528	.0369	.0130	- .0135
3.36	.0619	.0511	.0339	.0107	- .0153
3.37	.0609	.0494	.0317	.0084	- .0170
3.38	.0598	.0476	.0295	.0068	- .0187
3.39	.0587	.0458	.0273	.0040	- .0203
3.40	.0574	.0439	.0251	.0019	- .0218
3.41	.0561	.0420	.0229	.0002	- .0232
3.42	.0547	.0401	.0207	.0022	- .0245
3.43	.0532	.0382	.0185	.0042	- .0258
3.44	.0516	.0361	.0163	.0061	- .0270
3.45	.0500	.0341	.0142	.0080	- .0281
3.46	.0483	.0320	.0120	.0098	- .0292
3.47	.0468	.0299	.0099	.0116	- .0301
3.48	.0447	.0279	.0079	.0133	- .0310
3.49	.0429	.0258	.0058	.0149	- .0318
3.50	.0410	.0237	.0038	.0165	- .0325
3.51	.0391	.0216	.0018	.0180	- .0331
3.52	.0372	.0195	.0001	.0194	- .0337
3.53	.0352	.0175	.0020	.0208	- .0342
3.54	.0332	.0154	.0038	.0220	- .0346
3.55	.0312	.0134	- .0056	.0233	- .0349
3.56	.0292	.0113	- .0074	.0244	- .0351
3.57	.0271	.0094	- .0090	.0255	- .0353
3.58	.0251	.0074	- .0107	.0265	- .0354
3.59	.0230	.0055	- .0128	.0274	- .0354
3.60	.0210	.0036	- .0137	.0282	- .0364
3.61	.0189	.0017	- .0070	.0215	- .0353
3.62	.0169	- .0001	- .0166	.0297	- .0351
3.63	.0149	- .0019	- .0179	.0303	- .0349
3.64	.0129	- .0036	- .0191	.0308	- .0346
3.65	.0109	- .0053	- .0203	.0313	- .0342
3.66	.0090	- .0070	- .0215	.0317	- .0338
3.67	.0070	- .0086	- .0225	.0321	- .0333
3.68	.0052	- .0101	- .0235	.0323	- .0328
3.69	.0033	- .0116	- .0244	.0325	- .0322
3.70	- .0015	- .0130	- .0253	- .0326	- .0316
3.71	- .0003	- .0144	- .0261	- .0327	- .0309
3.72	- .0021	- .0157	- .0268	- .0327	- .0302
3.73	- .0036	- .0169	- .0274	- .0326	- .0294
3.74	- .0054	- .0181	- .0280	- .0325	- .0286
3.75	- .0070	- .0198	- .0285	- .0323	- .0278

$W_5(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.00	.0434	.0278	.0129	.0063	.0029
3.01	.0408	.0253	.0106	.0043	.0011
3.02	.0382	.0227	.0084	.0024	.0007
3.03	.0355	.0201	.0062	.0004	.0024
3.04	.0328	.0176	.0040	-.0014	.0040
3.05	.0302	.0151	.0019	-.0033	.0057
3.06	.0275	.0126	-.0002	-.0051	.0072
3.07	.0249	.0101	-.0022	-.0068	.0088
3.08	.0222	.0077	-.0042	-.0085	.0102
3.09	.0196	.0053	-.0061	-.0101	.0117
3.10	.0170	.0030	-.0080	-.0117	.0130
3.11	.0144	.0007	-.0098	-.0132	.0143
3.12	.0119	-.0015	-.0115	-.0146	.0156
3.13	.0094	-.0037	-.0132	-.0160	.0168
3.14	.0069	-.0058	-.0148	-.0173	.0179
3.15	.0045	-.0079	-.0164	-.0186	.0190
3.16	.0021	-.0099	-.0179	-.0198	.0200
3.17	-.0002	-.0118	-.0193	-.0209	.0209
3.18	-.0025	-.0137	-.0206	-.0220	.0218
3.19	-.0047	-.0155	-.0219	-.0229	.0226
3.20	-.0068	-.0178	-.0231	-.0239	.0234
3.21	-.0089	-.0188	-.0242	-.0247	.0241
3.22	-.0110	-.0204	-.0253	-.0255	.0247
3.23	-.0129	-.0219	-.0263	-.0262	.0253
3.24	-.0148	-.0233	-.0272	-.0269	.0258
3.25	-.0166	-.0247	-.0280	-.0275	.0262
3.26	-.0183	-.0260	-.0288	-.0280	.0266
3.27	-.0200	-.0271	-.0295	-.0285	.0269
3.28	-.0216	-.0283	-.0301	-.0288	.0272
3.29	-.0231	-.0293	-.0306	-.0292	.0274
3.30	-.0245	-.0302	-.0311	-.0294	.0276
3.31	-.0259	-.0311	-.0315	-.0296	.0277
3.32	-.0271	-.0319	-.0319	-.0298	.0277
3.33	-.0283	-.0326	-.0321	-.0298	.0277
3.34	-.0294	-.0332	-.0323	-.0298	.0276
3.35	-.0304	-.0338	-.0324	-.0298	.0275
3.36	-.0314	-.0348	-.0325	-.0297	.0273
3.37	-.0328	-.0346	-.0325	-.0295	.0271
3.38	-.0330	-.0349	-.0324	-.0293	.0268
3.39	-.0337	-.0352	-.0323	-.0291	.0265
3.40	-.0343	-.0354	-.0321	-.0288	.0261
3.41	-.0348	-.0354	-.0319	-.0284	.0257
3.42	-.0353	-.0355	-.0315	-.0280	.0253
3.43	-.0356	-.0354	-.0312	-.0275	.0248
3.44	-.0359	-.0353	-.0308	-.0270	.0243
3.45	-.0361	-.0351	-.0303	-.0265	.0237
3.46	-.0363	-.0349	-.0298	-.0259	.0231
3.47	-.0365	-.0346	-.0293	-.0253	.0285
3.48	-.0363	-.0342	-.0287	-.0247	.0219
3.49	-.0362	-.0338	-.0280	-.0240	.0212
3.50	-.0361	-.0333	-.0273	-.0233	.0205
3.51	-.0359	-.0328	-.0266	-.0225	.0198
3.52	-.0356	-.0322	-.0259	-.0218	.0190
3.53	-.0353	-.0316	-.0251	-.0210	.0183
3.54	-.0349	-.0309	-.0243	-.0202	.0175
3.55	-.0344	-.0302	-.0234	-.0193	.0167
3.56	-.0339	-.0294	-.0226	-.0185	.0159
3.57	-.0333	-.0286	-.0217	-.0176	.0150
3.58	-.0327	-.0278	-.0208	-.0167	.0142
3.59	-.0320	-.0269	-.0198	-.0158	.0134
3.60	-.0313	-.0260	-.0189	-.0149	.0125
3.61	-.0305	-.0251	-.0179	-.0140	.0116
3.62	-.0297	-.0241	-.0169	-.0131	.0108
3.63	-.0289	-.0231	-.0159	-.0128	.0099
3.64	-.0280	-.0221	-.0149	-.0113	.0091
3.65	-.0271	-.0211	-.0139	-.0103	.0082
3.66	-.0261	-.0200	-.0129	-.0094	.0074
3.67	-.0252	-.0190	-.0119	-.0085	.0065
3.68	-.0242	-.0179	-.0109	-.0076	.0057
3.69	-.0231	-.0168	-.0099	-.0067	.0048
3.70	-.0221	-.0157	-.0089	-.0057	.0040
3.71	-.0210	-.0146	-.0079	-.0049	.0032
3.72	-.0199	-.0135	-.0069	-.0040	.0024
3.73	-.0188	-.0124	-.0060	-.0031	.0016
3.74	-.0177	-.0114	-.0050	-.0023	.0009
3.75	-.0166	-.0103	-.0040	-.0014	.0001

$W_5(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
3.75	- .0070	- .0192	- .0285	- .0323	- .0278
3.76	- .0086	- .0203	- .0289	- .0321	- .0269
3.77	- .0101	- .0213	- .0293	- .0317	- .0260
3.78	- .0115	- .0222	- .0296	- .0314	- .0251
3.79	- .0129	- .0231	- .0299	- .0310	- .0241
3.80	- .0143	- .0239	- .0301	- .0305	- .0231
3.81	- .0155	- .0246	- .0302	- .0300	- .0221
3.82	- .0167	- .0253	- .0303	- .0294	- .0211
3.83	- .0179	- .0259	- .0302	- .0288	- .0200
3.84	- .0190	- .0265	- .0302	- .0282	- .0190
3.85	- .0200	- .0269	- .0301	- .0278	- .0179
3.86	- .0210	- .0274	- .0299	- .0268	- .0168
3.87	- .0219	- .0277	- .0297	- .0260	- .0157
3.88	- .0228	- .0280	- .0294	- .0252	- .0146
3.89	- .0235	- .0282	- .0291	- .0244	- .0135
3.90	- .0243	- .0284	- .0287	- .0236	- .0124
3.91	- .0249	- .0285	- .0283	- .0227	- .0113
3.92	- .0255	- .0286	- .0278	- .0216	- .0102
3.93	- .0260	- .0286	- .0273	- .0209	- .0091
3.94	- .0265	- .0285	- .0267	- .0199	- .0081
3.95	- .0268	- .0284	- .0261	- .0190	- .0070
3.96	- .0272	- .0282	- .0255	- .0180	- .0059
3.97	- .0275	- .0280	- .0248	- .0170	- .0048
3.98	- .0277	- .0277	- .0241	- .0160	- .0038
3.99	- .0279	- .0274	- .0234	- .0150	- .0028
4.00	- .0280	- .0271	- .0226	- .0140	- .0018
4.01	- .0280	- .0267	- .0219	- .0130	- .0009
4.02	- .0280	- .0262	- .0211	- .0119	.0001
4.03	- .0280	- .0257	- .0208	- .0109	.0010
4.04	- .0279	- .0252	- .0194	- .0099	.0020
4.05	- .0277	- .0246	- .0185	- .0089	.0029
4.06	- .0275	- .0240	- .0176	- .0079	.0037
4.07	- .0272	- .0234	- .0167	- .0069	.0046
4.08	- .0269	- .0228	- .0158	- .0059	.0054
4.09	- .0265	- .0221	- .0149	- .0049	.0062
4.10	- .0261	- .0213	- .0140	- .0040	.0069
4.11	- .0257	- .0206	- .0130	- .0030	.0076
4.12	- .0252	- .0198	- .0121	- .0021	.0083
4.13	- .0247	- .0191	- .0112	- .0012	.0090
4.14	- .0241	- .0182	- .0103	- .0003	.0096
4.15	- .0235	- .0174	- .0093	.0006	.0108
4.16	- .0229	- .0166	.0084	.0015	.0107
4.17	- .0223	- .0157	.0074	.0023	.0113
4.18	- .0216	- .0149	.0065	.0031	.0118
4.19	- .0209	- .0140	.0056	.0039	.0122
4.20	- .0202	- .0131	.0047	.0047	.0126
4.21	- .0194	- .0122	.0038	.0054	.0130
4.22	- .0186	- .0114	.0029	.0061	.0134
4.23	- .0178	- .0105	.0021	.0068	.0137
4.24	- .0170	- .0096	.0012	.0074	.0140
4.25	- .0168	- .0087	.0004	.0080	.0142
4.26	- .0154	- .0078	.0004	.0086	.0145
4.27	- .0145	- .0069	.0012	.0092	.0146
4.28	- .0137	- .0061	.0020	.0097	.0148
4.29	- .0128	- .0052	.0027	.0102	.0149
4.30	- .0119	- .0043	.0035	.0107	.0150
4.31	- .0111	- .0035	.0048	.0111	.0151
4.32	- .0102	- .0027	.0048	.0115	.0151
4.33	- .0093	- .0019	.0055	.0119	.0151
4.34	- .0085	- .0011	.0061	.0123	.0151
4.35	- .0076	- .0003	.0067	.0126	.0150
4.36	- .0067	- .0005	.0073	.0128	.0149
4.37	- .0059	- .0012	.0078	.0131	.0148
4.38	- .0050	- .0030	.0084	.0133	.0146
4.39	- .0042	- .0027	.0089	.0135	.0145
4.40	- .0034	.0034	.0093	.0136	.0144
4.41	- .0026	.0040	.0098	.0138	.0142
4.42	- .0018	.0047	.0102	.0139	.0139
4.43	- .0010	.0053	.0105	.0139	.0136
4.44	- .0002	.0059	.0109	.0140	.0133
4.45	.0005	.0065	.0112	.0140	.0130
4.46	.0013	.0070	.0115	.0140	.0127
4.47	.0020	.0075	.0117	.0139	.0123
4.48	.0027	.0080	.0120	.0139	.0120
4.49	.0034	.0085	.0122	.0138	.0116
4.50	.0040	.0089	.0123	.0136	.0112

$W_5(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.75	- .0166	- .0103	- .0040	- .0014	- .0001
3.76	- .0155	- .0092	- .0031	- .0006	.0006
3.77	- .0144	- .0081	- .0028	.0002	.0013
3.78	- .0132	- .0070	- .0013	.0010	.0020
3.79	- .0121	- .0060	- .0004	.0018	.0027
3.80	- .0110	- .0049	.0005	.0025	.0034
3.81	- .0098	- .0039	.0014	.0032	.0040
3.82	- .0087	- .0029	.0028	.0039	.0046
3.83	- .0076	- .0019	.0030	.0046	.0052
3.84	- .0065	- .0009	.0038	.0053	.0058
3.85	- .0054	.0001	.0045	.0059	.0063
3.86	- .0044	.0010	.0052	.0065	.0068
3.87	- .0033	.0019	.0059	.0071	.0073
3.88	- .0023	.0028	.0066	.0076	.0078
3.89	- .0012	.0037	.0073	.0081	.0082
3.90	- .0002	.0045	.0079	.0086	.0086
3.91	.0007	.0053	.0085	.0091	.0090
3.92	.0017	.0061	.0090	.0095	.0094
3.93	.0026	.0068	.0095	.0099	.0097
3.94	.0035	.0075	.0100	.0103	.0100
3.95	.0044	.0082	.0105	.0106	.0103
3.96	.0052	.0089	.0109	.0110	.0106
3.97	.0060	.0095	.0113	.0113	.0108
3.98	.0068	.0101	.0117	.0115	.0110
3.99	.0076	.0106	.0120	.0116	.0112
4.00	.0083	.0111	.0123	.0120	.0113
4.01	.0090	.0116	.0126	.0121	.0114
4.02	.0097	.0121	.0129	.0123	.0115
4.03	.0103	.0125	.0131	.0124	.0116
4.04	.0109	.0129	.0133	.0125	.0117
4.05	.0114	.0132	.0134	.0126	.0117
4.06	.0119	.0135	.0135	.0126	.0117
4.07	.0124	.0138	.0136	.0126	.0117
4.08	.0129	.0141	.0137	.0126	.0116
4.09	.0133	.0143	.0137	.0126	.0116
4.10	.0137	.0145	.0137	.0125	.0115
4.11	.0140	.0146	.0137	.0125	.0114
4.12	.0143	.0147	.0137	.0124	.0113
4.13	.0146	.0148	.0136	.0122	.0111
4.14	.0148	.0149	.0135	.0121	.0109
4.15	.0150	.0149	.0134	.0119	.0108
4.16	.0152	.0149	.0133	.0118	.0106
4.17	.0153	.0148	.0131	.0115	.0104
4.18	.0155	.0148	.0129	.0113	.0101
4.19	.0155	.0147	.0127	.0111	.0099
4.20	.0156	.0146	.0125	.0108	.0096
4.21	.0156	.0144	.0122	.0106	.0094
4.22	.0156	.0143	.0120	.0103	.0091
4.23	.0155	.0141	.0117	.0100	.0088
4.24	.0154	.0138	.0114	.0097	.0085
4.25	.0153	.0136	.0111	.0094	.0082
4.26	.0152	.0133	.0108	.0090	.0078
4.27	.0150	.0131	.0104	.0087	.0075
4.28	.0148	.0128	.0101	.0083	.0072
4.29	.0146	.0124	.0097	.0080	.0068
4.30	.0144	.0121	.0093	.0076	.0065
4.31	.0142	.0118	.0089	.0072	.0061
4.32	.0139	.0114	.0085	.0069	.0058
4.33	.0136	.0110	.0081	.0065	.0054
4.34	.0133	.0106	.0077	.0061	.0050
4.35	.0129	.0102	.0073	.0057	.0047
4.36	.0126	.0098	.0069	.0053	.0043
4.37	.0122	.0094	.0065	.0049	.0040
4.38	.0118	.0089	.0060	.0045	.0036
4.39	.0114	.0085	.0056	.0041	.0032
4.40	.0110	.0080	.0052	.0037	.0029
4.41	.0106	.0076	.0048	.0033	.0025
4.42	.0102	.0071	.0043	.0030	.0023
4.43	.0097	.0067	.0039	.0026	.0018
4.44	.0093	.0062	.0035	.0022	.0015
4.45	.0088	.0057	.0031	.0018	.0011
4.46	.0084	.0053	.0026	.0014	.0008
4.47	.0079	.0048	.0022	.0011	.0004
4.48	.0074	.0043	.0018	.0007	.0001
4.49	.0069	.0039	.0014	.0004	-.0002
4.50	.0065	.0034	.0010	.0000	-.0005

W₅(x, r)

x \ r	1	1.1	1.25	1.5	2.0
4.50	.0040	.0089	.0123	.0136	.0112
4.51	.0046	.0093	.0125	.0135	.0109
4.52	.0052	.0097	.0126	.0133	.0104
4.53	.0058	.0101	.0127	.0131	.0100
4.54	.0064	.0104	.0128	.0129	.0096
4.55	.0069	.0107	.0128	.0127	.0092
4.56	.0074	.0110	.0128	.0125	.0087
4.57	.0079	.0112	.0128	.0123	.0083
4.58	.0083	.0114	.0127	.0119	.0078
4.59	.0088	.0116	.0127	.0116	.0074
4.60	.0093	.0118	.0126	.0113	.0069
4.61	.0095	.0119	.0125	.0110	.0064
4.62	.0099	.0120	.0124	.0106	.0060
4.63	.0103	.0121	.0122	.0103	.0055
4.64	.0105	.0122	.0120	.0099	.0050
4.65	.0108	.0122	.0118	.0095	.0046
4.66	.0110	.0122	.0126	.0091	.0041
4.67	.0112	.0122	.0114	.0087	.0036
4.68	.0114	.0122	.0118	.0083	.0032
4.69	.0115	.0121	.0109	.0079	.0027
4.70	.0117	.0120	.0106	.0075	.0023
4.71	.0118	.0119	.0103	.0071	.0018
4.72	.0119	.0118	.0100	.0066	.0014
4.73	.0119	.0116	.0097	.0062	.0009
4.74	.0119	.0115	.0094	.0058	.0005
4.75	.0119	.0113	.0090	.0054	.0001
4.76	.0119	.0111	.0087	.0049	-.0003
4.77	.0119	.0109	.0083	.0045	-.0007
4.78	.0118	.0106	.0080	.0041	-.0011
4.79	.0117	.0104	.0076	.0036	-.0014
4.80	.0116	.0101	.0072	.0032	-.0018
4.81	.0115	.0099	.0068	.0028	-.0022
4.82	.0114	.0096	.0064	.0024	-.0025
4.83	.0112	.0093	.0060	.0019	-.0028
4.84	.0110	.0090	.0056	.0015	-.0031
4.85	.0108	.0086	.0052	.0011	-.0034
4.86	.0106	.0083	.0048	.0007	-.0037
4.87	.0104	.0080	.0044	.0004	-.0040
4.88	.0101	.0076	.0040	.0000	-.0042
4.89	.0099	.0073	.0036	-.0004	-.0045
4.90	.0096	.0069	.0038	-.0007	-.0047
4.91	.0093	.0065	.0028	-.0011	-.0049
4.92	.0090	.0062	.0024	-.0014	-.0051
4.93	.0087	.0058	.0021	-.0018	-.0053
4.94	.0084	.0054	.0017	-.0021	-.0055
4.95	.0081	.0050	.0013	-.0024	-.0056
4.96	.0078	.0047	.0009	-.0027	-.0058
4.97	.0074	.0043	.0006	-.0030	-.0059
4.98	.0071	.0039	.0002	-.0032	-.0060
4.99	.0067	.0035	-.0001	-.0035	-.0061
5.00	.0064	-.0004	-.0005	-.0002	-.0062

$W_5(x, r)$

X \ T	3.0	4.0	6.0	8.0	10.0
4.50	.0065	.0034	.0010	.0000	-.0005
4.51	.0060	.0029	.0006	-.0003	-.0008
4.52	.0055	.0025	.0002	-.0007	-.0011
4.53	.0050	.0020	-.0001	-.0010	-.0014
4.54	.0045	.0016	-.0005	-.0013	-.0016
4.55	.0041	.0012	-.0008	-.0016	-.0019
4.56	.0036	.0007	-.0012	-.0019	-.0022
4.57	.0031	.0003	-.0015	-.0022	-.0024
4.58	.0027	-.0001	-.0019	-.0024	-.0026
4.59	.0022	-.0005	-.0022	-.0027	-.0029
4.60	.0017	-.0009	-.0025	-.0029	-.0031
4.61	.0013	-.0013	-.0028	-.0032	-.0033
4.62	.0009	-.0017	-.0030	-.0034	-.0035
4.63	.0004	-.0020	-.0033	-.0036	-.0037
4.64	0.000	-.0024	-.0036	-.0038	-.0038
4.65	-.0004	-.0027	-.0038	-.0040	-.0040
4.66	-.0008	-.0030	-.0040	-.0042	-.0041
4.67	-.0012	-.0033	-.0043	-.0044	-.0043
4.68	-.0016	-.0036	-.0045	-.0045	-.0044
4.69	-.0019	-.0039	-.0046	-.0046	-.0045
4.70	-.0023	-.0042	-.0048	-.0048	-.0046
4.71	-.0026	-.0045	-.0050	-.0049	-.0047
4.72	-.0029	-.0047	-.0051	-.0050	-.0048
4.73	-.0033	-.0049	-.0053	-.0051	-.0048
4.74	-.0036	-.0051	-.0054	-.0052	-.0049
4.75	-.0038	-.0053	-.0055	-.0052	-.0050
4.76	-.0041	-.0055	-.0056	-.0053	-.0050
4.77	-.0044	-.0057	-.0057	-.0053	-.0050
4.78	-.0046	-.0058	-.0058	-.0054	-.0050
4.79	-.0048	-.0060	-.0058	-.0054	-.0050
4.80	-.0050	-.0061	-.0059	-.0054	-.0050
4.81	-.0052	-.0062	-.0059	-.0054	-.0050
4.82	-.0054	-.0063	-.0059	-.0054	-.0050
4.83	-.0056	-.0064	-.0059	-.0054	-.0050
4.84	-.0057	-.0065	-.0059	-.0054	-.0049
4.85	-.0059	-.0065	-.0059	-.0053	-.0049
4.86	-.0060	-.0066	-.0059	-.0053	-.0048
4.87	-.0061	-.0066	-.0058	-.0052	-.0047
4.88	-.0062	-.0066	-.0058	-.0051	-.0047
4.89	-.0063	-.0066	-.0057	-.0051	-.0046
4.90	-.0063	-.0066	-.0057	-.0050	-.0045
4.91	-.0064	-.0066	-.0056	-.0049	-.0044
4.92	-.0064	-.0066	-.0055	-.0048	-.0043
4.93	-.0065	-.0065	-.0054	-.0047	-.0042
4.94	-.0065	-.0065	-.0053	-.0046	-.0041
4.95	-.0065	-.0064	-.0052	-.0045	-.0040
4.96	-.0064	-.0063	-.0051	-.0043	-.0038
4.97	-.0064	-.0062	-.0050	-.0042	-.0037
4.98	-.0064	-.0061	-.0048	-.0041	-.0036
4.99	-.0063	-.0060	-.0047	-.0039	-.0034
5.00	-.0063	-.0059	-.0046	-.0038	-.0033

$W_6(x, r)$

$x \setminus r$	I	1.1	1.25	1.5	2.0
.00	.500000000	8.02610800	3.64479080	5.27320708	6.67332024
.01	.57439930	21.5562584	3.69680456	5.20345413	6.43555383
.02	.84482566	22.7818800	3.73908198	5.12616717	6.19609473
.03	1.01088609	23.9359328	3.77328422	5.04163324	5.95535051
.04	1.17220735	25.0166416	3.79905453	4.95015869	5.71372636
.05	1.38843660	26.0224685	3.81641766	4.85203820	5.47162610
.06	1.47924209	26.9521122	3.82547922	4.74761369	5.22944923
.07	1.68431359	27.8045071	3.82636492	4.63721329	4.98759090
.08	1.76336896	28.5788214	3.81921989	4.52118027	4.74644088
.09	1.89618444	29.2744550	3.80420784	4.39986591	4.50638257
.10	2.02235504	29.8910359	3.78151029	4.27362850	4.26779218
.11	2.14183472	3.04284171	3.75132567	4.14283219	4.03103788
.12	2.25436656	3.08866721	3.71368483	4.00784596	3.79647896
.13	2.35977689	3.12660901	3.65936817	3.86904254	3.56446514
.14	2.45791527	3.15671709	3.61806855	3.78679731	3.33533577
.15	2.54865443	31.7906188	3.56022685	3.58148733	3.10941916
.16	2.63189021	31.9373367	3.49611199	3.43349025	2.88703196
.17	2.70754133	32.0084191	3.42600455	3.28318331	2.66847850
.18	2.77554915	32.0051452	3.35019525	3.13094237	2.45405027
.19	2.83587740	31.9289713	3.26889401	2.97714091	2.24402538
.20	2.88851178	3.17815228	3.18267902	2.82214912	2.03866808
.21	2.93345953	31.5645864	3.09159561	2.6633295	1.83822834
.22	2.97074901	31.2801015	2.99605533	2.510053285	1.64294147
.23	3.00042911	3.09301514	2.89638488	2.35366491	1.45302775
.24	3.02256873	3.05169543	2.79891510	2.19751603	1.26869817
.25	3.03725613	3.00428548	2.68598003	2.04194716	1.09012415
.26	3.044459828	29.5103136	2.57591587	1.887289051	9.1749738
.27	3.04472015	28.9218992	2.46306001	1.73386927	.75096962
.28	3.03776398	28.82802775	2.34775013	1.58199696	.59068262
.29	3.02388853	27.588208	2.23032323	1.43197674	.43676202
.30	3.00326821	2.68485080	2.11111471	1.28410086	.88931736
.31	2.97609235	2.60640948	1.9045752	1.13865013	1.4844209
.32	2.942856425	2.52379243	1.86868127	.99589335	-0.1421362
.33	2.90290038	2.43730076	1.74611142	.85608694	-1.1330655
.34	2.85732941	2.34723958	1.62306847	.71947442	-2.3407273
.35	2.80609140	2.25391711	1.49986718	.58628614	-3.4805483
.36	2.874943678	21.5764373	1.37681585	.45673887	-4.5523811
.37	2.88762548	2.05873106	1.25421563	.33103555	-5.5562298
.38	2.862092598	1.95749109	1.13235979	.20936506	-6.4922467
.39	2.854961435	1.85423527	1.01153319	.09190200	-7.3607292
.40	2.847397335	1.74927368	.89201158	-.02119347	-8.1621161
.41	2.839429144	1.64291420	.77406115	-.18977572	-8.8969838
.42	2.831086168	1.53546168	.65793791	-.23371371	-9.5660422
.43	2.822398180	1.48721716	.54388731	-.33289107	-1.01701302
.44	2.813395125	1.31847715	.43814375	-.42720603	-1.07108110
.45	2.804107236	12.0953287	3.22893021	-.51657138	-1.11873670
.46	1.94564639	11.00666959	2.1645786	-.60091441	-1.16027950
.47	1.84798286	9.9216595	1.12925580	-.68017675	-1.19578007
.48	1.74837874	8.84293328	.01252076	-.75431421	-1.22537933
.49	1.64713758	.77731527	-.08458312	-.83389661	-1.24922794
.50	1.544455870	.67148695	-.17822452	-.88710748	-1.26748580
.51	1.44093840	.56705461	-.26825508	-.94574386	-1.28032135
.52	1.33656925	.46425510	-.35453926	-.9921596	-1.28791108
.53	1.23173928	.36331542	-.43695502	-.104754688	-1.29043888
.54	1.12673134	.26445239	-.51539320	-.109077217	-1.28809519
.55	1.02182239	1.6787213	-.58975788	-.112893956	-1.28107695
.56	.91782829	1.6736987	-.65996628	-.116210846	-1.26958634
.57	.81337617	-.01767036	-.72594846	-.119034958	-1.25383054
.58	.71035787	-.10627609	-.78764770	-.121374447	-1.23402095
.59	.60847541	-.19188648	-.84501988	-.123838504	-1.21037261
.60	.50796746	-.27435258	-.89803351	-.124637311	-1.18310360
.61	.40906350	-.35353747	-.94666948	-.125581984	-1.15243438
.62	.31198339	-.42931633	-.99092088	-.126084589	-1.11858721
.63	.21693696	-.50157651	-.103079265	-.126157782	-1.08178558
.64	.18412367	-.37021758	-.106630135	-.125815368	-1.04225339
.65	-.03373230	-.63515131	-.109747482	-.125071610	-1.00021489
.66	-.05405935	-.69630164	-.118435183	-.123941536	-9.5589357
.67	-.13908469	-.75360457	-.114698173	-.122440764	-9.0951188
.68	-.88118855	-.80700811	-.116548405	-.120985473	-8.6129065
.69	-.30022734	-.85647213	-.117974810	-.118392341	-8.1144858
.70	-.37606917	-.90196814	-.119003257	-.115878491	-7.6020171
.71	-.44859397	-.94347917	-.119636504	-.113061489	-7.0776295
.72	-.51769356	-.98099950	-.119884157	-.109958992	-6.5434164
.73	-.58327162	-.101453441	-.119756622	-.106589292	-6.0014307
.74	-.64524374	-.104409993	-.119365056	-.102970655	-5.4536807
.75	-.70353733	-.106972858	-.118421322	-.99121576	-4.9021263

$x \setminus r$		$W_6(x, r)$			
	3.0	4.0	6.0	8.0	10.0
.00	7.16876584	6.95312500	6.28532263	5.70657269	5.24542806
.01	6.76405064	6.52272038	5.84657081	5.28622377	4.84705585
.02	6.40696792	6.104715859	5.42391270	4.88278688	4.46552733
.03	6.03775823	5.69929681	5.01719237	4.49600939	4.10054407
.04	5.67665056	5.30638025	4.626284500	4.12563261	3.75180345
.05	5.32386179	4.92604179	4.25089687	3.77139172	3.41899863
.06	4.97959622	4.55830179	3.89096531	3.43301583	3.0181863
.07	4.64404506	4.20316786	3.54625863	3.11022800	2.79994836
.08	4.31738606	3.86063468	3.21657622	2.80274531	2.51306871
.09	3.99978306	3.53068394	2.90170853	2.51027894	2.24085663
.10	3.69138573	3.21328416	2.60143719	2.23253431	1.98298530
.11	3.39232919	2.90819071	2.31553512	1.96921124	1.73912427
.12	3.10273382	2.61594578	2.04376666	1.78200407	1.50893958
.13	2.82270500	2.33587840	1.78586775	1.48460192	1.29209403
.14	2.55233297	2.06810449	1.54164613	1.26268887	1.08824734
.15	2.29169269	1.81252699	1.31078157	1.05394419	89705640
.16	2.04084376	1.56903599	1.09302609	85804263	.71817550
.17	1.79983034	1.33750889	.88810432	.67465469	.55125664
.18	1.56868122	1.11781061	.69573369	.50344692	.39594974
.19	1.34740979	.90979382	.51562487	.34408225	.25190300
.20	1.13601416	.71329924	.34748202	.196222028	.11876318
.21	.93447726	.52815591	.19100324	.05951770	.00382408
.22	.74276703	.35418153	.04588087	.06537142	.11621395
.23	.56083655	.19118282	.08819800	.18179522	.21876203
.24	.38862435	.03895592	.21155123	.28710364	.31182399
.25	.22605462	-1.0271321	.32450109	.38264808	.39575530
.26	.07303754	.23404839	.42737389	.46878090	.47091076
.27	-.07053039	.35528271	.52049945	.54585530	.53764422
.28	-.20476601	.46665805	.60421070	.61422434	.59630816
.29	-.32979905	.56842465	.67884317	.67424109	.64725333
.30	-.44577177	-.66084052	.74473450	.72625792	.69082840
.31	-.55283645	-.74417096	.80222395	.77062612	.72737955
.32	-.65116498	-.51868800	.85165192	.80769551	.75725013
.33	-.74092829	-.88465985	.89335945	.83781397	.78078029
.34	-.82231590	-.94240032	.92768772	.86132705	.79830659
.35	-.89552533	-.99216829	.95497755	.87857754	.81016168
.36	-.96076357	-.103426705	.97556890	.88990505	.81667389
.37	-.1018246552	-.106899381	.98980040	.89564562	.81816697
.38	-.106819835	-.109664904	.99800885	.89613132	.81495965
.39	-.111085096	-.111753590	.100052871	.89168984	.80736540
.40	-.114644335	-.113195967	.99769170	.88264412	.79569205
.41	-.117522099	-.114022713	.98982625	.86931197	.78024152
.42	-.119743521	-.114264598	.97725711	.85200574	.76130950
.43	-.121334258	-.113952429	.96030488	.83103191	.73918518
.44	-.122320423	-.113116988	.93928555	.80669083	.71415095
.45	-.122728531	-.111786979	.91451016	.77927632	.68648218
.46	-.122858424	-.109998970	.88628429	.74907546	.65644697
.47	-.121918219	-.107777337	.85490777	.71636818	.62430589
.48	-.120754237	-.105154214	.82067425	.68142711	.59031179
.49	-.119120945	-.102159440	.78387084	.64451721	.55470962
.50	-.117045896	-.98822505	.74477781	.60589562	.51773621
.51	-.114556682	-.951212504	.70366822	.56581136	.47968012
.52	-.111680783	-.91238087	.66080765	.52450519	.44058153
.53	-.108445701	-.87047417	.61645392	.48220939	.40083203
.54	-.104687808	-.82628120	.57085681	.43914756	.36057458
.55	-.101006889	-.78007247	.52425781	.39553456	.32000340
.56	-.96857065	-.73211235	.47688992	.35157628	.27930385
.57	-.92455745	-.68265865	.42897744	.30746560	.23865240
.58	-.87829072	-.63196229	.38073579	.26340227	.19821566
.59	-.83002776	-.58026695	.33237134	.21955283	.15815509
.60	-.78002126	-.52780877	.28408129	.17609057	.11861741
.61	-.72851884	-.47481603	.23605353	.13317549	.07974425
.62	-.67576267	-.42150892	.18846659	.09095830	.04155733
.63	-.62198899	-.36809927	.14148951	.04958041	.00450948
.64	-.56742780	-.31479035	.09528183	.00917392	.03161530
.65	-.51230845	-.26177663	.04999354	.03013826	.06660179
.66	-.45682934	-.20924368	.00576508	.06824244	.10035342
.67	-.40121757	-.15736795	.03727265	.10503401	.13278217
.68	-.34566859	-.10631669	.07899830	.14041739	.16380849
.69	-.29037642	-.05624784	.11929993	.17430589	.193356113
.70	-.23552640	-.00730992	.15807503	.20662159	.22137699
.71	-.18129601	-.04035793	.19523040	.23729523	.24780099
.72	-.12785414	-.08662612	.23068200	.26626603	.27258585
.73	-.07536106	-.13137449	.26435492	.29348150	.29569197
.74	-.02396827	-.17449235	.29618314	.31889732	.31708714
.75	.02618158	.21587845	.32610944	.34247708	.33674642

$W_0(x, r)$

x/r	1	1.1	1.25	1.5	2.0
.75	- .70353733	- 1.06972252	- 1.18421328	- .99121576	- .49081263
.76	- .75809158	- 1.09143877	- 1.17237934	- .95060655	- .43486749
.77	- .80885733	- 1.10929502	- 1.15728011	- .90806550	- .37951779
.78	- .85557969	- 1.18334705	- 1.13905823	- .86377925	- .32434275
.79	- .89888418	- 1.13365965	- 1.11783745	- .81793397	- .26951537
.80	- .93810389	- 1.14030626	- 1.09378198	- .77071488	- .21580212
.81	- .97345190	- 1.14336856	- 1.06703606	- .72830578	- .16156269
.82	- 1.00493474	- 1.14293600	- 1.03775339	- .67288858	- .10874973
.83	- 1.03256933	- 1.13910543	- 1.00609065	- .58264285	- .05690870
.84	- 1.05638276	- 1.13198060	- .97220698	- .57174538	- .00617761
.85	- 1.07641190	- 1.12167173	- .93626348	- .52036981	.04331308
.86	- 1.09270311	- 1.10829506	- .89842273	- .46868617	.09144069
.87	- 1.10531185	- 1.09197234	- .85684829	- .41686059	.13809032
.88	- 1.11430236	- 1.07283041	- .81770483	- .36505488	.18315501
.89	- 1.11974721	- 1.05100066	- .77515466	- .31342620	.22653582
.90	- 1.12172696	- 1.02661862	- .73136326	- .26212682	.26814183
.91	- 1.12032969	- .99982344	- .68649887	- .21130371	.30789019
.92	- 1.14565061	- .97075743	- .64070504	- .16109840	.34570611
.93	- 1.10779160	- .93956558	- .59415390	- .11164662	.381582286
.94	- 1.09686077	- .90639508	- .54701427	- .06307816	.41528169
.95	- 1.08297205	- .87139489	- .49942430	- .01551659	.44693180
.96	- 1.05624465	- .83471525	- .45154204	- .03092082	.47643021
.97	- 1.04680268	- .79650723	- .40351565	- .07612340	.50374174
.98	- 1.02477463	- .75692229	- .35549373	- .1998708	.58883881
.99	- 1.00029293	- .71611118	- .30761499	- .16241458	.55170132
1.00	- .97349349	- .67422696	- .26001800	- .20331549	.57231654
1.01	- .94451523	- .63141763	- .21283587	- .24260633	.59067887
1.02	- .91349958	- .58783273	- .16619599	- .28021064	.60678971
1.03	- .88059011	- .54361942	- .18022488	- .31605895	.62065722
1.04	- .84593198	- .49892285	- .07503763	- .35008883	.63829614
1.05	- .80967156	- .45388579	- .03074833	- .38224488	.64172752
1.06	- .77195597	- .40864827	- .01253571	- .41247487	.64897854
1.07	- .73293264	- .36334729	- .05471288	- .44074863	.65408220
1.08	- .69274893	- .31811645	- .09568738	- .46702068	.65707710
1.09	- .65155164	- .27308575	- .13536941	- .49126647	.65800717
1.10	- .60948671	- .28838123	- 1.7367522	- .51346512	.65692138
1.11	- .56669874	- .18418476	- 2.1052726	- .53360211	.65387347
1.12	- .52333070	- .14043378	- 2.4585416	- .55166939	.64892164
1.13	- .47952350	- .09742109	- 2.7959586	- .56766521	.64812830
1.14	- .43541568	- .05519466	- 3.1167858	- .58159395	.63355974
1.15	- .39114308	- .01385741	- 3.4206473	- .59346596	.68328584
1.16	- .34683852	- .02649291	- 3.7070319	- .60329738	.6137976
1.17	- .30263150	- .06576392	- 3.9755398	- .61110998	.59791766
1.18	- .25864791	- .10386867	- 4.2258334	- .61693068	.58897835
1.19	- .21500978	- .14072580	- 4.4576388	- .62079190	.56664306
1.20	- 1.7183502	1.7625962	4.6707347	6.2273075	.54899506
1.21	- 1.429237	2.10400	4.86497	6.22789	.530119
1.22	- .087325	2.43083	5.04025	6.21013	.510103
1.23	- .046204	2.74251	5.19653	6.17454	.489033
1.24	- .005972	3.03850	5.333383	6.12165	.466998
1.25	.033277	3.31834	5.45222	6.05205	.444087
1.26	.071452	3.58162	5.55183	5.96636	.420391
1.27	.108471	3.88800	5.63283	5.86582	.395998
1.28	.144255	4.05718	5.69544	5.74931	.370999
1.29	.178732	4.26892	5.73994	5.61934	.345481
1.30	.211834	.446305	5.76665	5.47602	.319534
1.31	.2433501	.463944	5.77593	5.32010	.293245
1.32	.273675	.479802	5.76818	5.15235	.266700
1.33	.302308	.493877	5.74385	4.97355	.239983
1.34	.3493555	.506174	5.70341	4.78449	.213178
1.35	.354776	.516700	5.64738	4.85898	.186365
1.36	.378540	.525469	5.57631	4.37882	.159686
1.37	.400619	.532500	5.49078	4.16384	.133035
1.38	.420990	.537814	5.39138	3.94184	.106669
1.39	.439638	.541439	5.27874	3.71365	.080600
1.40	.456551	.543407	5.15352	3.48008	.054896
1.41	.471724	.543753	5.01640	3.24195	.029686
1.42	.485156	.542815	4.86805	3.00006	.004858
1.43	.496851	.539736	4.70919	2.75520	.019364
1.44	.506819	.535464	4.54053	2.50816	.042965
1.45	.515073	.529746	4.36280	2.25972	.065897
1.46	.521633	.522634	4.17674	2.01062	.088107
1.47	.586521	.514185	3.98309	1.76160	.109549
1.48	.589765	.504485	3.78260	1.51340	.130178
1.49	.531396	.493504	3.57601	1.26670	.149954
1.50	.531449	.481392	3.36406	1.02218	.168838

X \ T		3.0	4.0	6.0	8.0	10.0
.75	.02618158	21587845	38610944	34247708	33674642	
.76	.07495486	25544090	35408520	36419209	35465189	
.77	.12222696	29309711	38007022	38402120	37079239	
.78	.16788230	32877368	40403250	40195051	38516335	
.79	.21181445	36240626	42594804	41797316	39776650	
.80	.25392601	39393947	44580063	43208910	40860960	
.81	.29412866	42332667	46358155	44430478	41770625	
.82	.33234309	45052987	47928940	45463293	42507557	
.83	.36849890	47551946	49292976	46309229	43074196	
.84	.40253453	49827405	50451498	46970727	43473481	
.85	.43439715	51878027	51406384	47450773	43708824	
.86	.46404252	53703246	52160134	47752869	43784079	
.87	.49143484	55303251	52715834	47880998	43703520	
.88	.51654656	56678955	53077128	47839601	43471805	
.89	.53935826	57831970	53248189	47633543	43093954	
.90	.55985835	58764577	53233686	47268084	42575318	
.91	.57804295	59479699	53038755	46748850	41921550	
.92	.59391560	59980873	52668964	46081804	41138579	
.93	.60748703	60272213	52130287	45273212	40232579	
.94	.61877490	60358388	51429067	44329618	39209945	
.95	.62780355	60244580	50571985	43257809	38077262	
.96	.63460372	59936462	49566031	42064794	36841283	
.97	.63921224	59440159	48418472	40757765	35508895	
.98	.64167175	58762217	47135818	39344078	34087101	
.99	.642803039	57909570	45728794	37831217	32582987	
1.00	.64034152	56889598	44202307	36226772	31003703	
1.01	.63666335	55709644	42565419	34538410	29356436	
1.02	.63105868	54377878	40826315	32773848	27648386	
1.03	.62359453	52902369	38993274	30940830	25886745	
1.04	.61434186	51291498	37074641	29047100	24078672	
1.05	.60337519	49553842	35078801	27100377	22231274	
1.06	.59077232	47698134	33014149	25108336	20351584	
1.07	.57661398	45733239	30889066	23078579	18446544	
1.08	.56098350	43668119	28711892	21018622	16522982	
1.09	.54396651	41511806	26490903	18935866	14587597	
1.10	.52565060	39873369	24234289	16837584	12646941	
1.11	.50612498	36961890	21950126	14730898	10707406	
1.12	.48548022	34586432	19646361	12622762	08775203	
1.13	.46380790	32156014	17330786	10519950	06856353	
1.14	.44120032	29679586	15011021	08429033	04956672	
1.15	.41775020	27165999	12694498	06356371	03081758	
1.16	.39355042	24623990	10388438	04308095	01236984	
1.17	.36869367	22068149	08099840	02290099	-00572516	
1.18	.34327225	19488903	05835462	00308023	-02341859	
1.19	.31737777	16912493	03601811	-01632751	-04066412	
1.20	.29110091	14340957	.01405128	-03527115	-05741805	
1.21	.264531	117821	.007486	-053702	-073639	
1.22	.237757	.092435	.028538	-071576	-089290	
1.23	.210863	.067385	.049049	-088849	-104334	
1.24	.183937	.042561	.068971	-105481	-118739	
1.25	.157058	.018210	.088253	-121438	-132475	
1.26	.130309	-.005662	.106854	-136684	-145515	
1.27	.103766	-.088994	.124731	-151189	-157835	
1.28	.077505	-.051729	.141846	-164926	-169414	
1.29	.051599	-.073810	.158164	-177871	-180232	
1.30	.026117	-.095187	-.173656	-190002	-190275	
1.31	.001125	-.115812	-.188292	-201301	-199530	
1.32	-.023313	-.135639	-.202047	-211753	-207986	
1.33	-.047137	-.154628	-.214901	-221345	-215635	
1.34	-.070291	-.178740	-.226836	-230068	-222474	
1.35	-.092720	-.189943	-.237836	-237916	-228500	
1.36	-.114374	-.206205	-.247890	-244884	-2335714	
1.37	-.135209	-.221500	-.256990	-250973	-238117	
1.38	-.155180	-.235804	-.265129	-256184	-241716	
1.39	-.174250	-.249099	-.272307	-260521	-244518	
1.40	-.192381	-.261367	-.278523	-263992	-246533	
1.41	-.209543	-.272596	-.283781	-266605	-247772	
1.42	-.225708	-.282776	-.288088	-268373	-248250	
1.43	-.240850	-.291903	-.291452	-269310	-247983	
1.44	-.254950	-.299972	-.293885	-269432	-246989	
1.45	-.267990	-.306986	-.295401	-268757	-245287	
1.46	-.279957	-.312947	-.296017	-267306	-242898	
1.47	-.290839	-.317862	-.295752	-265101	-239845	
1.48	-.300632	-.321741	-.294627	-262165	-236153	
1.49	-.309330	-.324597	-.292664	-258524	-231848	
1.50	-.316935	-.326444	-.289889	-254204	-226954	

$W_6(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	.5314	.4813	.3364	.1022	-1.688
1.51	.5295	.4678	.3145	.0780	-1.866
1.52	.5265	.4536	.2925	.0542	-2.036
1.53	.5220	.4384	.2702	.0308	-2.196
1.54	.5162	.4223	.2476	.0079	-2.347
1.55	.5090	.4054	.2248	.0145	-2.486
1.56	.5006	.3677	.2020	.0365	-2.616
1.57	.4908	.3694	.1791	.0575	-2.735
1.58	.4800	.3504	.1563	.0781	-2.843
1.59	.4679	.3308	.1335	.0979	-2.940
1.60	.4549	.3108	.1109	.1170	-3.027
1.61	.4408	.2904	.0886	.1353	-3.103
1.62	.4258	.2697	.0665	.1587	-3.169
1.63	.4099	.2486	.0448	.1694	-3.223
1.64	.3933	.2274	.0234	.1851	-3.268
1.65	.3759	.2050	.0025	.1999	-3.301
1.66	.3578	.1845	.0179	.2138	-3.325
1.67	.3398	.1631	.0377	.2268	-3.339
1.68	.3800	.1417	.0570	.2387	-3.342
1.69	.3004	.1204	.0756	.2498	-3.3336
1.70	.2804	.0992	.0936	.2598	-3.321
1.71	.2601	.0783	.1109	.2689	-3.296
1.72	.2395	.0577	.1274	.2770	-3.263
1.73	.2187	.0374	.1432	.2840	-3.221
1.74	.1978	.0175	.1582	.2902	-3.171
1.75	.1769	-.0020	.1784	.2953	-3.112
1.76	.1559	.0210	.1857	.2994	-3.047
1.77	.1350	.0394	.1982	.3027	-2.974
1.78	.1148	.0573	.2098	.3049	-2.895
1.79	.0936	.0747	.2205	.3063	-2.809
1.80	.0733	.0914	.2304	.3067	-2.717
1.81	.0532	.1074	.2393	.3062	-2.619
1.82	.0334	.1227	.2474	.3049	-2.517
1.83	.0140	.1373	.2545	.3028	-2.409
1.84	-.0049	.1511	.2607	.2998	-2.397
1.85	-.0234	.1642	.2661	.2960	-2.182
1.86	-.0413	.1765	.2705	.2915	-2.065
1.87	-.0587	.1880	.2741	.2863	-1.940
1.88	-.0755	.1987	.2768	.2803	-1.816
1.89	-.0917	.2085	.2786	.2738	-1.689
1.90	-.1073	.2175	.2797	.2665	-1.560
1.91	-.1221	.2257	.2798	.2587	-1.429
1.92	-.1362	.2330	.2792	.2504	-1.298
1.93	-.1496	.2395	.2778	.2415	-1.167
1.94	-.1623	.2451	.2756	.2332	-1.035
1.95	-.1742	.2499	.2727	.2224	-0.903
1.96	-.1858	.2539	.2691	.2122	-0.772
1.97	-.1955	.2570	.2648	.2017	-0.641
1.98	-.2050	.2594	.2599	.1908	-0.512
1.99	-.2137	.2609	.2543	.1797	-0.385
2.00	-.2215	.2617	.2481	.1683	-0.259
2.01	-.2285	.2616	.2414	.1567	-0.136
2.02	-.2347	.2609	.2341	.1449	-0.016
2.03	-.2401	.2594	.2264	.1330	.0102
2.04	-.2446	.2572	.2182	.1211	.0117
2.05	-.2484	.2543	.2096	.1090	.0328
2.06	-.2513	.2507	.2005	.0970	.0436
2.07	-.2534	.2466	.1912	.0849	.0540
2.08	-.2548	.2418	.1815	.0729	.0640
2.09	-.2554	.2364	.1715	.0610	.0735
2.10	-.2553	.2306	.1613	.0492	.0827
2.11	-.2544	.2241	.1508	.0372	.0913
2.12	-.2528	.2172	.1402	.0261	.0996
2.13	-.2506	.2099	.1395	.0148	.1073
2.14	-.2477	.2021	.1186	.0037	.1145
2.15	-.2441	.1940	.1077	.0071	.1213
2.16	-.2399	.1854	.0967	.0176	.1275
2.17	-.2358	.1766	.0857	.0276	.1332
2.18	-.2299	.1675	.0747	.0377	.1384
2.19	-.2240	.1581	.0638	.0472	.1431
2.20	-.2177	-.1485	.0530	.0564	.1473
2.21	-.2109	-.1387	.0423	.0651	.1509
2.22	-.2036	-.1287	.0317	.0735	.1541
2.23	-.1960	-.1186	.0213	.0815	.1567
2.24	-.1879	-.1084	.0110	.0890	.1588
2.25	-.1796	-.0982	.0010	.0962	.1604

X \ Y	3.0	4.0	6.0	8.0	10.0
1.50	- .3169	- .3264	- .2898	- .2542	- .2269
1.51	- .3232	- .3270	- .2861	- .2490	- .2213
1.52	- .3286	- .3269	- .2818	- .2434	- .2153
1.53	- .3330	- .3259	- .2767	- .2372	- .2088
1.54	- .3363	- .3239	- .2710	- .2305	- .2019
1.55	- .3385	- .3210	- .2646	- .2233	- .1945
1.56	- .3397	- .3173	- .2576	- .2155	- .1867
1.57	- .3399	- .3127	- .2499	- .2073	- .1785
1.58	- .3392	- .3073	- .2418	- .1987	- .1700
1.59	- .3374	- .3012	- .2331	- .1897	- .1612
1.60	- .3347	- .2943	- .2239	- .1803	- .1521
1.61	- .3312	- .2867	- .2143	- .1706	- .1428
1.62	- .3267	- .2785	- .2043	- .1606	- .1332
1.63	- .3214	- .2697	- .1939	- .1504	- .1235
1.64	- .3154	- .2603	- .1831	- .1400	- .1137
1.65	- .3085	- .2503	- .1721	- .1294	- .1037
1.66	- .3009	- .2399	- .1609	- .1187	- .0936
1.67	- .2987	- .2290	- .1494	- .1078	- .0835
1.68	- .2837	- .2176	- .1378	- .0969	- .0734
1.69	- .2742	- .2060	- .1260	- .0860	- .0633
1.70	- .2641	- .1940	- .1141	- .0750	- .0532
1.71	- .2535	- .1817	- .1021	- .0641	- .0432
1.72	- .2424	- .1691	- .0902	- .0532	- .0333
1.73	- .2309	- .1564	- .0782	- .0425	- .0235
1.74	- .2189	- .1435	- .0663	- .0318	- .0139
1.75	- .2067	- .1305	- .0545	- .0213	- .0044
1.76	- .1941	- .1174	- .0427	- .0109	.0049
1.77	- .1812	- .1043	- .0311	- .0008	.0139
1.78	- .1682	- .0912	- .0197	.0091	.0227
1.79	- .1549	- .0781	- .0085	.0188	.0313
1.80	- .1415	- .0651	.0025	.0282	.0395
1.81	- .1280	- .0522	.0132	.0373	.0475
1.82	- .1145	- .0395	.0237	.0461	.0552
1.83	- .1010	- .0269	.0338	.0546	.0625
1.84	- .0875	- .0146	.0436	.0527	.0695
1.85	- .0740	- .0025	.0531	.0705	.0761
1.86	- .0607	- .0094	.0622	.0779	.0824
1.87	- .0474	- .0209	.0710	.0849	.0883
1.88	- .0344	- .0321	.0793	.0915	.0938
1.89	- .0216	.0430	.0872	.0977	.0989
1.90	- .0090	.0535	.0947	.1035	.1037
1.91	.0034	.0636	.1017	.1088	.1080
1.92	.0154	.0733	.1083	.1138	.1119
1.93	.0271	.0825	.1145	.1183	.1155
1.94	.0384	.0913	.1202	.1223	.1186
1.95	.0494	.0997	.1854	.1259	.1213
1.96	.0600	.1075	.1301	.1291	.1236
1.97	.0702	.1149	.1344	.1319	.1255
1.98	.0799	.1218	.1381	.1342	.1270
1.99	.0892	.1282	.1414	.1360	.1281
2.00	.0980	.1340	.1443	.1375	.1289
2.01	.1063	.1394	.1466	.1385	.1292
2.02	.1141	.1442	.1485	.1392	.1292
2.03	.1214	.1485	.1499	.1394	.1286
2.04	.1282	.1523	.1509	.1392	.1281
2.05	.1345	.1556	.1514	.1386	.1270
2.06	.1402	.1583	.1515	.1377	.1256
2.07	.1454	.1606	.1512	.1363	.1238
2.08	.1501	.1623	.1504	.1347	.1218
2.09	.1542	.1636	.1492	.1327	.1195
2.10	.1578	.1643	.1477	.1303	.1168
2.11	.1609	.1646	.1457	.1277	.1140
2.12	.1634	.1644	.1434	.1247	.1108
2.13	.1655	.1637	.1408	.1215	.1074
2.14	.1670	.1626	.1378	.1180	.1038
2.15	.1680	.1610	.1345	.1143	.1000
2.16	.1685	.1591	.1309	.1103	.0960
2.17	.1685	.1567	.1270	.1061	.0919
2.18	.1680	.1540	.1228	.1017	.0875
2.19	.1671	.1508	.1184	.0972	.0830
2.20	.1657	.1474	.1138	.0924	.0784
2.21	.1639	.1436	.1089	.0875	.0737
2.22	.1616	.1395	.1039	.0825	.0689
2.23	.1590	.1350	.0987	.0774	.0640
2.24	.1560	.1304	.0933	.0722	.0591
2.25	.1526	.1254	.0878	.0668	.0540

$W_6(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
2.25	- 1796	- .988	.0010	.0962	.1604
2.26	- 1709	- .979	.0087	.1028	.1615
2.27	- 1619	- .975	.0182	.1090	.1621
2.28	- 1587	- .974	.0275	.1148	.1633
2.29	- 1433	- .9572	.0364	.1201	.1630
2.30	- 1337	- .9471	.0450	.1249	.1612
2.31	- 1240	- .9371	.0532	.1292	.1600
2.32	- 1141	- .9272	.0611	.1331	.1584
2.33	- 1042	- .9176	.0687	.1365	.1563
2.34	- .9442	- .0080	.0758	.1394	.1539
2.35	- .8441	.0013	.0826	.1419	.1511
2.36	- .7441	.0103	.0890	.1438	.1479
2.37	- .6441	.0191	.0949	.1454	.1444
2.38	- .5442	.0277	.1005	.1465	.1406
2.39	- .4444	.0360	.1056	.1471	.1364
2.40	- .3446	.0439	.1103	.1473	.1320
2.41	- .2850	.0516	.1146	.1471	.1273
2.42	- .2156	.0589	.1184	.1464	.1223
2.43	- .0063	.0658	.1218	.1454	.1171
2.44	.0287	.0724	.1248	.1440	.1118
2.45	.0115	.0787	.1273	.1422	.1068
2.46	.0201	.0845	.1294	.1400	.1005
2.47	.0284	.0900	.1311	.1375	.0945
2.48	.0364	.0951	.1324	.1346	.0886
2.49	.0441	.0998	.1333	.1315	.0824
2.50	.0515	.1041	.1338	.1280	.0762
2.51	.0586	.1079	.1339	.1243	.0700
2.52	.0653	.1114	.1335	.1203	.0637
2.53	.0716	.1144	.1328	.1160	.0573
2.54	.0776	.1171	.1317	.1115	.0510
2.55	.0833	.1194	.1304	.1069	.0447
2.56	.0886	.1213	.1286	.1020	.0384
2.57	.0935	.1227	.1266	.0970	.0321
2.58	.0980	.1238	.1242	.0918	.0259
2.59	.1021	.1246	.1215	.0865	.0198
2.60	.1058	.1249	.1186	.0810	.0138
2.61	.1091	.1249	.1154	.0755	.0076
2.62	.1181	.1245	.1119	.0699	.0020
2.63	.1146	.1238	.1082	.0642	-.0036
2.64	.1168	.1228	.1043	.0584	-.0091
2.65	.1186	.1214	.1002	.0527	-.0145
2.66	.1200	.1197	.0959	.0469	-.0197
2.67	.1210	.1177	.0914	.0412	-.0247
2.68	.1216	.1154	.0868	.0354	-.0295
2.69	.1219	.1129	.0821	.0298	-.0341
2.70	.1218	.1100	.0772	.0241	-.0384
2.71	.1214	.1070	.0722	.0185	-.0486
2.72	.1206	.1037	.0672	.0131	-.0466
2.73	.1196	.1002	.0620	.0077	-.0503
2.74	.1182	.0965	.0568	.0084	-.0538
2.75	.1165	.0926	.0516	-.0028	-.0570
2.76	.1145	.0885	.0464	-.0078	-.0600
2.77	.1128	.0843	.0412	-.0127	-.0629
2.78	.1097	.0800	.0359	-.0174	-.0653
2.79	.1069	.0755	.0307	-.0219	-.0676
2.80	.1039	.0709	.0256	-.0263	-.0696
2.81	.1006	.0662	.0204	-.0305	-.0714
2.82	.0972	.0615	.0154	-.0345	-.0729
2.83	.0935	.0567	.0104	-.0383	-.0742
2.84	.0897	.0518	.0056	-.0419	-.0753
2.85	.0857	.0470	.0008	-.0453	-.0760
2.86	.0816	.0421	-.0039	-.0485	-.0766
2.87	.0773	.0372	-.0084	-.0515	-.0769
2.88	.0729	.0323	-.0128	-.0543	-.0770
2.89	.0684	.0274	-.0170	-.0568	-.0769
2.90	.0639	.0226	-.0211	-.0591	-.0765
2.91	.0592	.0179	-.0251	-.0618	-.0760
2.92	.0545	.0132	-.0288	-.0630	-.0752
2.93	.0498	.0085	-.0324	-.0647	-.0743
2.94	.0450	.0040	-.0359	-.0661	-.0731
2.95	.0402	-.0004	-.0391	-.0672	-.0718
2.96	.0355	-.0047	-.0421	-.0682	-.0703
2.97	.0307	-.0089	-.0450	-.0690	-.0687
2.98	.0260	-.0130	-.0476	-.0695	-.0668
2.99	.0213	-.0169	-.0501	-.0698	-.0649
3.00	.0166	-.0207	-.0523	-.0699	-.0628

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
2.25	.1526	.1254	.0878	.0668	.0540
2.26	.1488	.1202	.0822	.0615	.0490
2.27	.1447	.1148	.0765	.0561	.0440
2.28	.1404	.1092	.0707	.0506	.0389
2.29	.1357	.1035	.0649	.0452	.0338
2.30	.1307	.0976	.0590	.0397	.0288
2.31	.1255	.0915	.0530	.0343	.0238
2.32	.1201	.0853	.0471	.0289	.0189
2.33	.1145	.0791	.0412	.0235	.0140
2.34	.1086	.0728	.0353	.0183	.0092
2.35	.1026	.0664	.0295	.0130	.0045
2.36	.0965	.0600	.0237	.0079	-.0001
2.37	.0902	.0535	.0179	.0029	.0046
2.38	.0839	.0471	.0123	.0080	.0089
2.39	.0774	.0407	.0068	.0068	.0132
2.40	.0709	.0343	.0014	-.0115	-.0173
2.41	.0643	.0280	-.0039	-.0160	-.0212
2.42	.0578	.0218	-.0091	-.0203	-.0250
2.43	.0512	.0156	-.0141	-.0245	-.0287
2.44	.0446	.0096	-.0189	-.0285	-.0321
2.45	.0381	-.0037	-.0236	-.0324	-.0354
2.46	.0316	-.0021	-.0281	-.0360	-.0385
2.47	.0252	-.0077	-.0324	-.0395	-.0415
2.48	.0188	-.0132	-.0365	-.0428	-.0442
2.49	.0126	-.0185	-.0404	-.0459	-.0468
2.50	.0065	-.0237	-.0441	-.0487	-.0491
2.51	-.0005	-.0286	-.0476	-.0514	-.0513
2.52	-.0053	-.0333	-.0508	-.0538	-.0532
2.53	-.0110	-.0378	-.0538	-.0561	-.0550
2.54	-.0165	-.0421	-.0566	-.0581	-.0565
2.55	-.0218	-.0462	-.0592	-.0599	-.0579
2.56	-.0270	-.0500	-.0615	-.0615	-.0591
2.57	-.0319	-.0537	-.0637	-.0629	-.0601
2.58	-.0366	-.0570	-.0655	-.0640	-.0609
2.59	-.0411	-.0602	-.0672	-.0650	-.0614
2.60	-.0454	-.0631	-.0686	-.0658	-.0619
2.61	-.0494	-.0657	-.0698	-.0663	-.0621
2.62	-.0532	-.0681	-.0708	-.0667	-.0621
2.63	-.0568	-.0702	-.0715	-.0668	-.0620
2.64	-.0601	-.0721	-.0721	-.0668	-.0617
2.65	-.0632	-.0737	-.0724	-.0666	-.0612
2.66	-.0660	-.0751	-.0725	-.0662	-.0606
2.67	-.0685	-.0762	-.0724	-.0656	-.0598
2.68	-.0708	-.0771	-.0720	-.0648	-.0588
2.69	-.0728	-.0778	-.0715	-.0639	-.0577
2.70	-.0746	-.0782	-.0708	-.0628	-.0565
2.71	-.0761	-.0784	-.0699	-.0616	-.0552
2.72	-.0774	-.0783	-.0689	-.0602	-.0537
2.73	-.0784	-.0780	-.0677	-.0587	-.0521
2.74	-.0792	-.0776	-.0663	-.0571	-.0504
2.75	-.0797	-.0769	-.0647	-.0553	-.0486
2.76	-.0800	-.0760	-.0630	-.0534	-.0467
2.77	-.0801	-.0749	-.0612	-.0515	-.0447
2.78	-.0799	-.0736	-.0592	-.0494	-.0427
2.79	-.0795	-.0722	-.0572	-.0472	-.0406
2.80	-.0788	-.0705	-.0550	-.0450	-.0384
2.81	-.0780	-.0688	-.0527	-.0426	-.0361
2.82	-.0770	-.0668	-.0503	-.0403	-.0338
2.83	-.0758	-.0648	-.0478	-.0378	-.0315
2.84	-.0744	-.0625	-.0453	-.0353	-.0291
2.85	-.0728	-.0602	-.0427	-.0328	-.0267
2.86	-.0710	-.0578	-.0400	-.0302	-.0243
2.87	-.0691	-.0552	-.0373	-.0277	-.0219
2.88	-.0670	-.0526	-.0345	-.0251	-.0195
2.89	-.0648	-.0498	-.0318	-.0225	-.0171
2.90	-.0625	-.0470	-.0289	-.0199	-.0147
2.91	-.0600	-.0442	-.0261	-.0173	-.0123
2.92	-.0575	-.0412	-.0233	-.0147	-.0100
2.93	-.0548	-.0383	-.0205	-.0121	-.0076
2.94	-.0520	-.0353	-.0177	-.0096	-.0053
2.95	-.0492	-.0322	-.0149	-.0071	-.0031
2.96	-.0465	-.0292	-.0121	-.0047	-.0009
2.97	-.0433	-.0261	-.0094	-.0023	-.0013
2.98	-.0403	-.0231	-.0067	-.0001	-.0034
2.99	-.0372	-.0200	-.0041	-.0024	-.0054
3.00	-.0341	-.0170	-.0015	.0046	.0074

$W_6(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.00	.0166	-.0207	-.0523	-.0699	-.0628
3.01	.0121	-.0244	-.0543	-.0698	-.0606
3.02	.0076	-.0279	-.0562	-.0695	-.0582
3.03	.0032	-.0312	-.0578	-.0690	-.0558
3.04	-.0011	-.0343	-.0592	-.0684	-.0532
3.05	-.0053	-.0373	-.0604	-.0675	-.0506
3.06	-.0094	-.0401	-.0614	-.0665	-.0479
3.07	-.0134	-.0427	-.0623	-.0653	-.0451
3.08	-.0172	-.0451	-.0629	-.0640	-.0428
3.09	-.0208	-.0473	-.0633	-.0625	-.0393
3.10	-.0244	-.0494	-.0635	-.0608	-.0364
3.11	-.0277	-.0512	-.0636	-.0591	-.0334
3.12	-.0309	-.0529	-.0634	-.0572	-.0304
3.13	-.0340	-.0544	-.0631	-.0552	-.0274
3.14	-.0369	-.0556	-.0626	-.0531	-.0244
3.15	-.0396	-.0567	-.0620	-.0508	-.0214
3.16	-.0421	-.0576	-.0612	-.0485	-.0184
3.17	-.0444	-.0583	-.0602	-.0461	-.0154
3.18	-.0465	-.0589	-.0591	-.0437	-.0125
3.19	-.0485	-.0592	-.0578	-.0411	-.0096
3.20	-.0503	-.0594	-.0564	-.0386	-.0067
3.21	-.0519	-.0594	-.0549	-.0359	-.0039
3.22	-.0533	-.0592	-.0532	-.0333	-.0011
3.23	-.0545	-.0589	-.0515	-.0306	-.0015
3.24	-.0555	-.0584	-.0496	-.0278	-.0042
3.25	-.0563	-.0577	-.0477	-.0251	.0067
3.26	-.0570	-.0569	-.0456	-.0224	.0092
3.27	-.0575	-.0559	-.0435	-.0196	.0115
3.28	-.0578	-.0549	-.0413	-.0169	.0138
3.29	-.0579	-.0536	-.0390	-.0142	.0160
3.30	-.0579	-.0523	-.0367	-.0115	.0181
3.31	-.0577	-.0509	-.0343	-.0089	.00801
3.32	-.0573	-.0493	-.0319	-.0063	.00820
3.33	-.0568	-.0476	-.0295	-.0037	.00837
3.34	-.0562	-.0459	-.0270	-.0018	.00854
3.35	-.0554	-.0440	-.0246	.0012	.0269
3.36	-.0544	-.0421	-.0221	.0036	.0284
3.37	-.0533	-.0401	-.0196	.0059	.0297
3.38	-.0521	-.0380	-.0171	.0082	.0309
3.39	-.0508	-.0359	-.0146	.0104	.0320
3.40	-.0494	-.0337	-.0122	.0124	.0329
3.41	-.0478	-.0315	-.0098	.0144	.0338
3.42	-.0462	-.0292	-.0074	.0163	.0345
3.43	-.0445	-.0270	-.0050	.0181	.0351
3.44	-.0426	-.0247	-.0027	.0199	.0356
3.45	-.0407	-.0223	-.0004	.0215	.0360
3.46	-.0388	-.0200	.0018	.0230	.0363
3.47	-.0368	-.0177	.0040	.0244	.0364
3.48	-.0347	-.0154	.0060	.0257	.0365
3.49	-.0325	-.0131	.0081	.0269	.0364
3.50	-.0304	-.0108	.0100	.0280	.0363
3.51	-.0282	-.0085	.0119	.0290	.0360
3.52	-.0259	-.0063	.0137	.0299	.0356
3.53	-.0237	-.0041	.0154	.0307	.0352
3.54	-.0214	-.0019	.0170	.0313	.0347
3.55	-.0191	.0002	.0185	.0319	.0340
3.56	-.0169	.0022	.0200	.0324	.0333
3.57	-.0146	.0042	.0213	.0327	.0328
3.58	-.0124	.0062	.0226	.0330	.0317
3.59	-.0101	.0080	.0238	.0331	.0308
3.60	-.0079	.0098	.0248	.0332	.0298
3.61	-.0058	.0116	.0258	.0331	.0287
3.62	-.0036	.0132	.0267	.0330	.0276
3.63	-.0015	.0148	.0274	.0328	.0264
3.64	.0005	.0163	.0281	.0324	.0252
3.65	.0025	.0177	.0287	.0320	.0240
3.66	.0044	.0190	.0292	.0316	.0227
3.67	.0063	.0203	.0296	.0310	.0214
3.68	.0081	.0214	.0299	.0304	.0200
3.69	.0099	.0225	.0301	.0297	.0186
3.70	.0116	.0235	.0302	.0289	.0173
3.71	.0132	.0243	.0308	.0280	.0158
3.72	.0147	.0251	.0301	.0271	.0144
3.73	.0161	.0258	.0300	.0262	.0130
3.74	.0175	.0264	.0297	.0252	.0116
3.75	.0188	.0269	.0294	.0241	.0101

$W_6(x,r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.00	- .0341	- .0170	- .0015	.0046	.0074
3.01	- .0310	- .0140	.0011	.0068	.0093
3.02	- .0279	- .0110	.0035	.0089	.0111
3.03	- .0248	- .0081	.0059	.0109	.0129
3.04	- .0217	- .0052	.0082	.0128	.0145
3.05	- .0186	- .0024	.0105	.0147	.0161
3.06	- .0155	.0004	.0126	.0164	.0176
3.07	- .0124	.0031	.0147	.0181	.0190
3.08	- .0094	.0057	.0167	.0197	.0204
3.09	- .0064	.0082	.0185	.0211	.0216
3.10	- .0035	.0107	.0203	.0225	.0227
3.11	- .0007	.0130	.0220	.0238	.0238
3.12	- .0021	.0153	.0235	.0250	.0247
3.13	.0048	.0174	.0250	.0261	.0256
3.14	.0074	.0195	.0264	.0271	.0264
3.15	.0100	.0215	.0276	.0279	.0270
3.16	.0124	.0233	.0287	.0287	.0276
3.17	.0148	.0250	.0298	.0294	.0281
3.18	.0170	.0267	.0307	.0300	.0285
3.19	.0192	.0282	.0315	.0305	.0288
3.20	.0212	.0295	.0322	.0308	.0290
3.21	.0231	.0308	.0328	.0311	.0291
3.22	.0250	.0320	.0332	.0313	.0292
3.23	.0267	.0330	.0336	.0314	.0291
3.24	.0282	.0339	.0339	.0314	.0290
3.25	.0297	.0347	.0340	.0313	.0288
3.26	.0310	.0353	.0341	.0311	.0285
3.27	.0322	.0359	.0340	.0308	.0281
3.28	.0333	.0363	.0339	.0305	.0277
3.29	.0343	.0366	.0337	.0301	.0272
3.30	.0352	.0368	.0334	.0296	.0266
3.31	.0359	.0369	.0329	.0290	.0260
3.32	.0365	.0369	.0325	.0284	.0253
3.33	.0370	.0368	.0319	.0277	.0246
3.34	.0374	.0366	.0312	.0269	.0238
3.35	.0376	.0363	.0305	.0261	.0229
3.36	.0378	.0359	.0297	.0252	.0220
3.37	.0378	.0353	.0289	.0243	.0211
3.38	.0377	.0348	.0279	.0233	.0201
3.39	.0375	.0341	.0270	.0223	.0191
3.40	.0373	.0335	.0259	.0212	.0181
3.41	.0369	.0325	.0249	.0201	.0170
3.42	.0364	.0316	.0237	.0190	.0160
3.43	.0358	.0306	.0226	.0179	.0149
3.44	.0358	.0296	.0214	.0167	.0138
3.45	.0344	.0285	.0201	.0155	.0126
3.46	.0336	.0273	.0189	.0143	.0115
3.47	.0327	.0261	.0176	.0131	.0104
3.48	.0317	.0248	.0163	.0118	.0092
3.49	.0307	.0236	.0150	.0106	.0081
3.50	.0296	.0222	.0137	.0094	.0069
3.51	.0284	.0209	.0123	.0082	.0058
3.52	.0278	.0195	.0110	.0069	.0047
3.53	.0259	.0181	.0097	.0057	.0036
3.54	.0246	.0167	.0083	.0045	.0025
3.55	.0233	.0152	.0070	.0034	.0014
3.56	.0219	.0138	.0057	.0022	.0004
3.57	.0205	.0123	.0044	.0011	.0006
3.58	.0191	.0109	.0031	.0001	.0016
3.59	.0176	.0094	.0019	-	.0026
3.60	.0162	.0080	.0007	- .0022	- .0035
3.61	.0147	.0066	.0005	- .0032	- .0044
3.62	.0132	.0052	.0017	- .0042	- .0053
3.63	.0117	.0038	.0028	- .0052	- .0061
3.64	.0102	.0024	.0039	- .0061	- .0069
3.65	.0088	.0011	.0050	- .0070	- .0076
3.66	.0073	- .0002	.0060	- .0078	- .0083
3.67	.0059	- .0015	.0070	- .0086	- .0090
3.68	.0044	- .0027	.0079	- .0093	- .0096
3.69	.0030	- .0039	.0088	- .0100	- .0102
3.70	.0016	- .0051	.0096	- .0107	- .0108
3.71	.0003	- .0062	.0104	- .0113	- .0113
3.72	- .0010	- .0073	.0112	- .0118	- .0117
3.73	- .0023	- .0083	.0119	- .0124	- .0121
3.74	- .0036	- .0093	.0125	- .0128	- .0125
3.75	- .0048	- .0102	.0131	- .0132	- .0128

$W_6(x,r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.75	.0188	.0269	.0294	.0241	.0101
3.76	.0800	.0274	.0290	.0830	.0087
3.77	.0211	.0277	.0286	.0219	.0073
3.78	.0221	.0280	.0280	.0207	.0059
3.79	.0830	.0281	.0274	.0195	.0045
3.80	.0239	.0282	.0268	.0183	.0038
3.81	.0246	.0282	.0261	.0171	.0018
3.82	.0253	.0281	.0253	.0158	.0005
3.83	.0259	.0280	.0244	.0145	.0008
3.84	.0264	.0277	.0236	.0132	.0020
3.85	.0268	.0274	.0226	.0119	.0032
3.86	.0271	.0270	.0217	.0106	.0044
3.87	.0273	.0266	.0207	.0093	.0055
3.88	.0275	.0261	.0196	.0080	.0066
3.89	.0275	.0255	.0185	.0067	.0076
3.90	.0275	.0249	.0174	.0055	.0086
3.91	.0274	.0242	.0163	.0048	.0096
3.92	.0273	.0234	.0158	.0030	.0105
3.93	.0270	.0226	.0140	.0017	.0113
3.94	.0267	.0218	.0128	.0006	.0121
3.95	.0263	.0209	.0117	-.006	.0128
3.96	.0259	.0200	.0105	-.0017	.0135
3.97	.0254	.0191	.0093	-.0028	.0141
3.98	.0248	.0181	.0081	-.0039	.0147
3.99	.0242	.0171	.0069	-.0049	.0152
4.00	.0235	.0160	.0058	-.0059	.0157
4.01	.0227	.0150	.0046	-.0069	.0161
4.02	.0220	.0139	.0035	-.0078	.0164
4.03	.0211	.0128	.0084	-.0086	.0167
4.04	.0203	.0117	.0013	-.0094	.0169
4.05	.0194	.0106	.0002	-.0102	.0171
4.06	.0184	.0095	-.0009	-.0109	.0172
4.07	.0175	.0084	-.0019	-.0116	.0173
4.08	.0165	.0073	-.0029	-.0123	.0173
4.09	.0155	.0062	-.0038	-.0138	.0173
4.10	.0144	.0051	-.0048	-.0133	.0172
4.11	.0134	.0040	-.0057	-.0138	.0169
4.12	.0123	.0030	-.0065	-.0142	.0169
4.13	.0112	.0019	-.0073	-.0146	.0167
4.14	.0103	.0009	-.0081	-.0149	.0165
4.15	.0091	-.0001	-.0088	-.0152	.0162
4.16	.0080	-.0011	-.0095	-.0154	.0158
4.17	.0069	-.0020	-.0101	-.0155	.0155
4.18	.0059	-.0029	-.0107	-.0157	.0151
4.19	.0048	-.0038	-.0113	-.0157	.0146
4.20	.0038	-.0047	-.0118	-.0158	.0142
4.21	.0027	-.0055	-.0123	-.0157	.0136
4.22	.0017	-.0063	-.0127	-.0157	.0131
4.23	.0007	-.0070	-.0130	-.0156	.0126
4.24	-.0002	-.0077	-.0134	-.0154	.0120
4.25	-.0013	-.0084	-.0136	-.0152	.0114
4.26	-.0021	-.0090	-.0139	-.0150	.0108
4.27	-.0030	-.0096	-.0141	-.0147	.0101
4.28	-.0039	-.0102	-.0142	-.0144	.0095
4.29	-.0047	-.0107	-.0143	-.0141	.0089
4.30	-.0055	-.0111	-.0143	-.0137	.0082
4.31	-.0063	-.0116	-.0143	-.0135	.0075
4.32	-.0070	-.0119	-.0143	-.0129	.0068
4.33	-.0077	-.0123	-.0142	-.0124	.0062
4.34	-.0083	-.0126	-.0141	-.0120	.0055
4.35	-.0089	-.0126	-.0140	-.0115	.0048
4.36	-.0095	-.0130	-.0138	-.0109	.0041
4.37	-.0100	-.0132	-.0136	-.0104	.0035
4.38	-.0105	-.0133	-.0133	-.0098	.0028
4.39	-.0110	-.0134	-.0130	-.0093	.0021
4.40	-.0114	-.0134	-.0127	-.0087	.0015
4.41	-.0117	-.0134	-.0124	-.0081	.0009
4.42	-.0120	-.0134	-.0120	-.0075	.0002
4.43	-.0123	-.0133	-.0116	-.0069	.0004
4.44	-.0125	-.0132	-.0112	-.0063	.0010
4.45	-.0127	-.0130	-.0108	-.0057	.0015
4.46	-.0129	-.0128	-.0105	-.0050	.0021
4.47	-.0130	-.0126	-.0098	-.0044	.0026
4.48	-.0131	-.0124	-.0093	-.0038	.0031
4.49	-.0131	-.0121	-.0088	-.0032	.0036
4.50	-.0131	-.0118	-.0083	-.0026	.0041

x	y	3.0	4.0	6.0	8.0	10.0
3.75	- .0048	- .0102	- .0131	- .0132	- .0128	
3.76	- .0059	- .0111	- .0136	- .0136	- .0131	
3.77	- .0070	- .0119	- .0141	- .0139	- .0133	
3.78	- .0081	- .0127	- .0145	- .0142	- .0135	
3.79	- .0091	- .0134	- .0149	- .0144	- .0136	
3.80	- .0101	- .0140	- .0153	- .0146	- .0137	
3.81	- .0110	- .0146	- .0155	- .0147	- .0138	
3.82	- .0119	- .0152	- .0158	- .0148	- .0138	
3.83	- .0127	- .0157	- .0159	- .0149	- .0138	
3.84	- .0134	- .0161	- .0161	- .0149	- .0137	
3.85	- .0141	- .0165	- .0161	- .0148	- .0136	
3.86	- .0148	- .0168	- .0162	- .0148	- .0135	
3.87	- .0153	- .0170	- .0161	- .0146	- .0133	
3.88	- .0159	- .0178	- .0161	- .0145	- .0131	
3.89	- .0163	- .0174	- .0160	- .0143	- .0129	
3.90	- .0167	- .0175	- .0158	- .0140	- .0126	
3.91	- .0171	- .0175	- .0156	- .0138	- .0123	
3.92	- .0174	- .0175	- .0154	- .0134	- .0120	
3.93	- .0176	- .0175	- .0151	- .0131	- .0116	
3.94	- .0178	- .0174	- .0148	- .0127	- .0113	
3.95	- .0179	- .0172	- .0145	- .0124	- .0109	
3.96	- .0180	- .0170	- .0141	- .0119	- .0104	
3.97	- .0180	- .0168	- .0137	- .0115	- .0100	
3.98	- .0179	- .0165	- .0132	- .0110	- .0095	
3.99	- .0178	- .0162	- .0128	- .0106	- .0091	
4.00	- .0177	- .0158	- .0123	- .0100	- .0086	
4.01	- .0175	- .0154	- .0118	- .0095	- .0081	
4.02	- .0173	- .0150	- .0113	- .0090	- .0076	
4.03	- .0170	- .0145	- .0107	- .0084	- .0070	
4.04	- .0167	- .0140	- .0101	- .0079	- .0065	
4.05	- .0163	- .0135	- .0095	- .0073	- .0060	
4.06	- .0159	- .0129	- .0089	- .0068	- .0054	
4.07	- .0155	- .0124	- .0083	- .0062	- .0049	
4.08	- .0151	- .0118	- .0077	- .0056	- .0043	
4.09	- .0146	- .0112	- .0071	- .0050	- .0038	
4.10	- .0140	- .0105	- .0065	- .0044	- .0033	
4.11	- .0135	- .0099	- .0058	- .0038	- .0027	
4.12	- .0129	- .0092	- .0052	- .0033	- .0022	
4.13	- .0123	- .0086	- .0046	- .0027	- .0017	
4.14	- .0117	- .0079	- .0039	- .0021	- .0012	
4.15	- .0110	- .0072	- .0033	- .0016	- .0007	
4.16	- .0104	- .0065	- .0027	- .0010	- .0002	
4.17	- .0097	- .0058	- .0021	- .0005	- .0003	
4.18	- .0090	- .0052	- .0015	- .0001	- .0008	
4.19	- .0084	- .0045	- .0009	.0006	.0012	
4.20	- .0077	- .0038	- .0003	.0011	.0017	
4.21	- .0070	- .0031	.0003	.0016	.0021	
4.22	- .0063	- .0024	.0008	.0020	.0025	
4.23	- .0055	- .0018	.0014	.0025	.0029	
4.24	- .0048	- .0011	.0019	.0029	.0033	
4.25	- .0041	- .0005	.0024	.0033	.0037	
4.26	- .0035	.0001	.0029	.0037	.0040	
4.27	- .0028	.0007	.0033	.0041	.0043	
4.28	- .0021	.0013	.0038	.0044	.0046	
4.29	- .0014	.0019	.0042	.0048	.0049	
4.30	- .0008	.0024	.0046	.0051	.0051	
4.31	- .0001	.0030	.0050	.0054	.0054	
4.32	.0005	.0035	.0053	.0056	.0056	
4.33	.0011	.0040	.0057	.0059	.0058	
4.34	.0017	.0044	.0060	.0061	.0059	
4.35	.0023	.0049	.0062	.0063	.0061	
4.36	.0028	.0053	.0065	.0065	.0062	
4.37	.0034	.0057	.0067	.0066	.0063	
4.38	.0039	.0060	.0069	.0068	.0064	
4.39	.0043	.0064	.0071	.0069	.0065	
4.40	.0048	.0067	.0073	.0070	.0065	
4.41	.0052	.0070	.0074	.0070	.0066	
4.42	.0057	.0072	.0075	.0071	.0066	
4.43	.0060	.0075	.0076	.0071	.0066	
4.44	.0064	.0077	.0076	.0071	.0065	
4.45	.0067	.0078	.0077	.0071	.0065	
4.46	.0070	.0080	.0077	.0070	.0064	
4.47	.0073	.0081	.0077	.0070	.0063	
4.48	.0075	.0082	.0077	.0069	.0062	
4.49	.0078	.0083	.0076	.0068	.0061	
4.50	.0080	.0083	.0075	.0067	.0060	

$W_6(x, r)$

$x \quad r$	1	1.1	1.25	1.5	2.0
4.50	- .0131	- .0118	- .0083	- .0026	.0041
4.51	- .0130	- .0115	- .0078	- .0020	.0046
4.52	- .0130	- .0111	- .0072	- .0014	.0050
4.53	- .0128	- .0108	- .0067	- .0008	.0054
4.54	- .0127	- .0104	- .0061	- .0003	.0058
4.55	- .0125	- .0099	- .0055	.0003	.0061
4.56	- .0123	- .0095	- .0050	.0008	.0064
4.57	- .0120	- .0091	- .0044	.0014	.0067
4.58	- .0118	- .0086	- .0039	.0019	.0070
4.59	- .0115	- .0081	- .0033	.0024	.0072
4.60	- .0112	- .0076	- .0027	.0028	.0074
4.61	- .0108	- .0071	- .0022	.0033	.0076
4.62	- .0104	- .0066	- .0017	.0037	.0078
4.63	- .0100	- .0061	- .0011	.0041	.0079
4.64	- .0096	- .0056	- .0006	.0045	.0081
4.65	- .0092	- .0050	- .0001	.0049	.0081
4.66	- .0088	- .0045	.0004	.0052	.0082
4.67	- .0083	- .0040	.0009	.0055	.0082
4.68	- .0078	- .0035	.0014	.0058	.0082
4.69	- .0073	- .0029	.0018	.0061	.0082
4.70	- .0069	- .0024	.0023	.0063	.0082
4.71	- .0064	- .0019	.0027	.0066	.0081
4.72	- .0059	- .0014	.0031	.0068	.0080
4.73	- .0053	- .0009	.0035	.0069	.0079
4.74	- .0048	- .0004	.0038	.0071	.0078
4.75	- .0043	.0000	.0042	.0072	.0077
4.76	- .0038	.0005	.0045	.0073	.0075
4.77	- .0033	.0010	.0048	.0074	.0073
4.78	- .0028	.0014	.0051	.0074	.0072
4.79	- .0023	.0018	.0054	.0075	.0069
4.80	- .0018	.0028	.0056	.0075	.0067
4.81	- .0013	.0026	.0058	.0075	.0065
4.82	- .0008	.0030	.0060	.0075	.0062
4.83	- .0003	.0033	.0062	.0074	.0060
4.84	.0001	.0037	.0064	.0073	.0057
4.85	.0006	.0040	.0065	.0072	.0054
4.86	.0010	.0043	.0066	.0071	.0051
4.87	.0014	.0046	.0067	.0070	.0048
4.88	.0018	.0048	.0067	.0069	.0045
4.89	.0022	.0051	.0068	.0067	.0042
4.90	.0026	.0053	.0068	.0065	.0039
4.91	.0030	.0055	.0068	.0063	.0036
4.92	.0033	.0057	.0068	.0061	.0033
4.93	.0036	.0058	.0068	.0059	.0029
4.94	.0040	.0060	.0067	.0057	.0026
4.95	.0042	.0061	.0066	.0054	.0023
4.96	.0045	.0062	.0066	.0052	.0020
4.97	.0048	.0063	.0065	.0049	.0016
4.98	.0050	.0063	.0063	.0047	.0013
4.99	.0052	.0064	.0062	.0044	.0010
5.00	.0054	.0064	.0061	.0041	.0007

$W_6(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	.0080	.0083	.0075	.0067	.0060
4.51	.0081	.0083	.0074	.0065	.0059
4.52	.0083	.0083	.0073	.0064	.0057
4.53	.0084	.0083	.0073	.0062	.0055
4.54	.0084	.0083	.0070	.0061	.0054
4.55	.0085	.0082	.0069	.0059	.0052
4.56	.0085	.0081	.0067	.0057	.0050
4.57	.0085	.0080	.0065	.0055	.0048
4.58	.0085	.0078	.0063	.0052	.0045
4.59	.0085	.0077	.0061	.0050	.0043
4.60	.0084	.0075	.0058	.0048	.0041
4.61	.0083	.0073	.0056	.0045	.0038
4.62	.0082	.0071	.0053	.0043	.0036
4.63	.0081	.0069	.0051	.0040	.0033
4.64	.0079	.0067	.0048	.0038	.0031
4.65	.0078	.0064	.0045	.0035	.0028
4.66	.0076	.0062	.0043	.0038	.0026
4.67	.0074	.0059	.0040	.0029	.0023
4.68	.0072	.0056	.0037	.0027	.0021
4.69	.0069	.0053	.0034	.0024	.0018
4.70	.0067	.0050	.0031	.0021	.0016
4.71	.0064	.0047	.0028	.0018	.0013
4.72	.0061	.0044	.0025	.0016	.0010
4.73	.0058	.0041	.0022	.0013	.0008
4.74	.0056	.0038	.0019	.0010	.0006
4.75	.0052	.0034	.0016	.0007	.0003
4.76	.0049	.0031	.0013	.0008	.0001
4.77	.0046	.0028	.0010	.0008	.0002
4.78	.0043	.0024	.0007	.0005	.0004
4.79	.0040	.0021	.0004	.0003	.0006
4.80	.0036	.0018	.0001	-.0005	-.0008
4.81	.0033	.0015	-.0001	-.0007	-.0010
4.82	.0030	.0012	-.0004	-.0010	-.0012
4.83	.0026	.0008	-.0006	-.0012	-.0014
4.84	.0023	.0005	-.0009	-.0014	-.0016
4.85	.0020	.0002	-.0011	-.0016	-.0017
4.86	.0016	-.0001	-.0014	-.0018	-.0019
4.87	.0013	-.0003	-.0016	-.0019	-.0020
4.88	.0010	-.0006	-.0018	-.0021	-.0022
4.89	.0007	-.0009	-.0020	-.0023	-.0023
4.90	.0004	-.0012	-.0022	-.0024	-.0024
4.91	-.0001	-.0014	-.0024	-.0026	-.0026
4.92	-.0002	-.0017	-.0025	-.0027	-.0027
4.93	-.0005	-.0019	-.0027	-.0028	-.0027
4.94	-.0008	-.0021	-.0028	-.0029	-.0028
4.95	-.0011	-.0023	-.0030	-.0030	-.0029
4.96	-.0013	-.0025	-.0031	-.0031	-.0030
4.97	-.0016	-.0027	-.0032	-.0032	-.0030
4.98	-.0018	-.0029	-.0033	-.0038	-.0031
4.99	-.0021	-.0030	-.0034	-.0033	-.0031
5.00	-.0023	-.0032	-.0035	-.0033	-.0031

W_T(x, r)

X	T	I	1.1	1.25	1.5	2.0
.00	.500000000	2.58951771	4.80754615	7.04228301	8.97141728	
.01	.73868485	2.75985830	4.84887113	6.87563578	8.51054931	
.02	.97171576	2.91882436	4.87608733	6.69810219	8.05305974	
.03	1.19833512	3.06607252	4.88918183	6.51036732	7.59975257	
.04	1.41782431	3.20128656	4.88854630	6.31313788	7.15141268	
.05	1.62950577	3.38420756	4.87438133	6.10713938	6.70880354	
.06	1.83274483	3.43462784	4.84698854	5.89311384	6.27266505	
.07	2.08695138	3.53239072	4.80671158	5.67181388	5.84371147	
.08	2.21158128	3.61739006	4.75393348	5.44400585	5.42862948	
.09	2.38613755	3.68955694	4.68907412	5.21046096	5.01007631	
.10	2.55017138	3.74892231	4.61258854	4.97195543	4.60667807	
.11	2.70328287	3.79548900	4.58495387	4.72926705	4.21302816	
.12	2.84512162	3.82935753	4.48671717	4.48317245	3.82968582	
.13	2.97538703	3.85066129	4.51839286	4.25444438	3.45717487	
.14	3.09382844	3.85957773	4.20056005	3.98384904	3.09598251	
.15	3.20024510	3.85632678	4.07380994	3.73214350	2.74655631	
.16	3.289448582	3.84116903	3.93875312	3.48007328	2.40931339	
.17	3.37644860	3.81440388	3.79601692	3.22836987	2.08461964	
.18	3.44607968	3.77636753	3.64624266	2.97774847	1.77880918	
.19	3.50337380	3.72743093	3.49008308	2.72890579	1.47417395	
.20	3.54837112	3.66799751	3.32819929	2.48251797	1.18896539	
.21	3.58115812	3.59850102	3.16125876	2.23923862	.91739435	
.22	3.60186523	3.51940310	2.98993281	1.996969697	.65943108	
.23	3.61066558	3.43119097	2.81489093	1.76449614	.41580538	
.24	3.60777340	3.33437494	2.53680482	1.53421160	.18600692	
.25	3.59344229	3.28948598	2.45633943	1.30938971	-.02971436	
.26	3.56796334	3.11707319	2.27415377	1.09054637	-.83134770	
.27	3.531663283	2.99770138	2.09089800	.87816591	-.41898088	
.28	3.48490213	2.87194823	1.90721117	.67270003	-.59249909	
.29	3.42807159	2.74040240	1.72371911	.47456690	-.75218466	
.30	3.36159233	2.60366045	1.54103236	.28415048	-.89811539	
.31	3.28591193	2.46232465	1.35974438	.10179985	-.10304637	
.32	3.20150254	2.31700049	1.18042948	-.07217121	-.11494354	
.33	3.10880547	2.16829433	1.00364138	-.23748456	-.12552684	
.34	3.00849384	2.01681101	.82991145	-.39389785	-.13482309	
.35	2.90094007	1.86315164	.65974734	-.54120457	-.14286806	
.36	2.87674351	1.70791133	.49363616	-.67923398	-.14967624	
.37	2.8666462996	1.55167710	.33820846	-.80785087	-.15530074	
.38	2.854066727	1.39502582	.17834279	-.92695521	-.15977307	
.39	2.409993285	1.23852224	.12399910	-.10364816	-.16313300	
.40	2.27484139	1.08271713	-.12163924	-.11363991	-.16542236	
.41	2.13597739	.92814559	-.26123075	-.12267075	-.16668487	
.42	1.99398593	.77532494	-.39464633	-.13074484	-.16696597	
.43	1.84927038	.62475408	-.38105974	-.13786817	-.16631259	
.44	1.70259021	.47691108	-.54076787	-.14407506	-.16477308	
.45	1.55445882	.33225235	-.75337097	-.14930508	-.16239666	
.46	1.40644154	.19121134	-.85868264	-.15364688	-.15923388	
.47	1.25609383	.05419736	-.95654781	-.15709432	-.15533582	
.48	1.10695637	-.67840528	-.10468425	-.15966824	-.15075419	
.49	9.58565526	-.20623827	-.11294736	-.16139191	-.14554109	
.50	.81142637	-.32896991	-.12043784	-.16229088	-.13974884	
.51	.66604466	-.44622958	-.12715242	-.16239289	-.13342980	
.52	.52289253	-.55793937	-.13309073	-.16178763	-.12663619	
.53	.38243043	-.66365281	-.13885587	-.16032665	-.11941992	
.54	.24509557	-.76321399	-.14265134	-.15882318	-.11183842	
.55	.11130276	-.85643354	-.14628684	-.15454193	-.10392451	
.56	-.01855666	-.94314786	-.14917245	-.15204897	-.95746283	
.57	-.14411572	-.10232285	-.15132109	-.14805156	-.87346634	
.58	-.26503264	-.10965515	-.15274820	-.14549795	-.78773778	
.59	-.38099156	-.11630567	-.15347145	-.13842784	-.70074481	
.60	-.49170308	-.12226877	-.15351068	-.13287924	-.61294239	
.61	-.59690474	-.12754212	-.15288749	-.12689422	-.52477104	
.62	-.69636138	-.13212603	-.15162573	-.12051285	-.43665576	
.63	-.78986533	-.13602341	-.14975072	-.11377597	-.34900499	
.64	-.87783659	-.13923968	-.14728943	-.10672448	-.26220971	
.65	-.95832278	-.14178268	-.14427028	-.99399156	-.17664256	
.66	-.103299908	-.14366258	-.14072299	-.91840510	-.09265715	
.67	-.110116601	-.14489180	-.13667843	-.84088660	-.01058733	
.68	-.116275914	-.14548488	-.13216847	-.76183183	-.06985333	
.69	-.121772865	-.14545839	-.13722586	-.68162980	-.14657210	
.70	-.126605889	-.14483081	-.12188405	-.60066156	-.22109744	
.71	-.130775774	-.14362239	-.11617751	-.5189898	-.29257932	
.72	-.134285798	-.14185507	-.11013929	-.43790358	-.36078946	
.73	-.137141652	-.13955823	-.10380551	-.35682552	-.42558149	
.74	-.139351357	-.13573899	-.97210550	-.27640257	-.48659099	
.75	-.140925176	-.133441254	-.90389273	-.19695919	-.54383547	

X \ Y	3.0	4.0	6.0	8.0	10.0
.00	9.67061701	9.39062500	8.49666754	7.71740760	7.09536050
.01	8.95084219	8.59135734	7.58580381	6.94193590	6.36110978
.02	8.25650643	7.82865045	6.91953252	6.21246223	5.67225944
.03	7.58770693	7.10197638	6.19665738	5.52751898	5.02723356
.04	6.94450460	6.41078038	5.51597717	4.88564745	4.42447315
.05	6.32692364	5.75448120	4.87628637	4.28539820	3.86243641
.06	5.73495120	5.13247142	4.27637567	3.72533155	3.33959909
.07	5.16853712	4.54411792	3.71503866	3.20401811	2.85445488
.08	4.62759394	3.98876252	3.19104285	2.72003939	2.40551583
.09	4.11199685	3.46572261	2.70318913	2.27198843	1.99131288
.10	3.62158395	2.97429196	2.25025532	1.85847050	1.61039633
.11	3.15615650	2.51374158	1.83108442	1.47810383	1.26133645
.12	2.71547937	2.08332074	1.44428096	1.12952040	9.4272402
.13	2.29928159	1.58257978	1.08881174	8.1136673	6.5317100
.14	1.90725702	1.30976227	.76340691	5.2230475	3.91311113
.15	1.53906514	9.6502424	4.6686115	2.6101266	1.5580063
.16	1.19433193	5.4721747	1.9797476	0.2618580	-0.5468116
.17	8.7265091	3.5549988	-0.4444508	-1.18346239	-0.24143110
.18	5.7358419	0.8901510	-2.6158318	-3.6919955	-4.0572150
.19	2.9666375	-1.5310600	-4.45461499	-5.3227335	-5.4879950
.20	-0.4139268	-3.7174381	-5.2470546	-6.7391067	-6.7188631
.21	-1.9275340	-5.6778836	-7.7300770	-7.9531662	-7.7617662
.22	-4.0632493	-7.4213776	-9.0065178	-8.9767364	-8.6283782
.23	-5.5989680	-8.9569652	-1.00879341	-9.8214059	-9.3300945
.24	-7.7406678	-1.02937389	-1.09851275	-1.04985189	-9.8780247
.25	-9.2945387	-1.14408218	-1.17091314	-1.10191662	-1.02829875
.26	-1.06669654	-1.24073503	-1.22706988	-1.13941770	-1.05555037
.27	-1.18645100	-1.32024576	-1.26803904	-1.16341110	-1.07057917
.28	-1.28938939	-1.38352562	-1.29485629	-1.17492502	-1.07437617
.29	-1.37619789	-1.43148212	-1.30853578	-1.17495920	-1.06790110
.30	-1.44757492	-1.46501733	-1.31006902	-1.16448418	-1.05208198
.31	-1.50422923	-1.48502624	-1.30042385	-1.14444069	-1.02781469
.32	-1.54687798	-1.49239510	-1.28054341	-1.11573903	-9.9596262
.33	-1.57624489	-1.4879984	-1.25134521	-1.07925851	-9.5735639
.34	-1.59305829	-1.47270447	-1.21372019	-1.03584694	-9.1279356
.35	-1.59804927	-1.44735961	-1.16853189	-9.8632023	-8.6303844
.36	-1.59194978	-1.41280094	-1.11661569	-9.3146195	-8.0882195
.37	-1.57549081	-1.36894784	-1.05877803	-8.7202303	-7.5084149
.38	-1.54940053	-1.31930199	-9.9579580	-8.0872151	-6.8976092
.39	-1.514402854	-1.26194605	-9.2841572	-7.4224229	-6.2621060
.40	-1.47121410	-1.19854246	-8.5735383	-6.7323704	-5.6078739
.41	-1.42054443	-1.12983222	-7.8329505	-6.0232408	-4.9405484
.42	-1.36309310	-1.05653384	-7.0689278	-5.3008841	-4.2654335
.43	-1.29954836	-9.7934225	-6.2876861	-4.5708171	-3.5875043
.44	-1.23058568	-8.9892790	-5.4951208	-3.8382252	-2.9114097
.45	-1.15686627	-8.1593588	-4.6968054	-3.1079637	-2.2414761
.46	-1.07903565	-7.7098512	-3.8979906	-2.3845606	-1.5817117
.47	-9.9772235	-6.44666770	-3.1035042	-1.6722196	-0.9358108
.48	-9.1353672	-5.5754824	-2.3182521	-0.9748236	-0.3071593
.49	-8.8706963	-4.7016332	-1.5462190	-0.2959395	-0.3011598
.50	-7.73889150	-3.8302111	-0.7914715	0.3611773	0.8863605
.51	-6.4955130	-2.9660093	-0.0576600	0.9935776	1.4459462
.52	-5.5957555	-2.11355305	0.6518767	1.5986115	1.9777036
.53	-4.6946760	-1.2769845	1.3341085	2.1739286	2.4796946
.54	-3.7970682	-0.46802873	1.9863077	2.7174407	2.9502484
.55	-2.9074801	0.3329385	2.6060446	3.2273741	3.3879531
.56	-2.0302079	1.0993643	3.1911805	3.7022017	3.7916473
.57	-1.1692921	1.8359525	3.7398618	4.1406642	4.1604104
.58	-0.3285132	2.5399553	4.2505119	4.5417557	4.4935537
.59	0.4886107	3.2089111	4.7218241	4.9047143	4.7906109
.60	1.2788263	3.8406410	5.1527529	5.2290122	5.0513274
.61	2.0391454	4.43232440	5.5425051	5.5143460	5.2756512
.62	2.7668456	4.9850920	5.8905313	5.7606266	5.4637217
.63	3.4594693	5.4948334	5.1965152	5.9679688	5.6158598
.64	4.1148226	5.9613374	5.6463649	5.1366801	5.7325557
.65	4.7309722	6.3837860	6.6822015	6.2678507	5.8144647
.66	5.3062431	6.7615668	6.8623493	6.3603420	5.8623838
.67	5.8392140	7.0943145	7.0013246	6.4167756	5.8772533
.68	6.3287132	7.3818924	7.0998247	6.4375221	5.8601400
.69	6.7738131	7.6243827	7.1587170	6.4236902	5.81222275
.70	7.1738241	7.8220777	7.1790273	6.3765150	5.7348055
.71	7.5282884	7.9754691	7.1619285	6.2973473	5.6292592
.72	8.0598588	8.1822492	7.02068218	6.2978428	5.3397486
.73	8.3171395	8.1775157	6.8998717	5.8828956	5.1589382
.74	8.4892058	8.1622370	6.7474051	5.6911672	4.9562907

W₇(x, r)

X	R	1	1.1	1.25	1.5	2.0
.75	-1.40925176	-1.33441254	- .90389273	- 1.9695919	.54383547	
.76	-1.41875517	-1.29686395	- .83376410	- 1.18805070	.59711429	
.77	-1.42816832	-1.25502717	- .76206431	- 1.4223746	.64630849	
.78	-1.41965507	-1.20919396	- .68913420	- 1.3246574	.69132049	
.79	-1.411139753	-1.15966346	- .61530957	1.0504040	.73807383	
.80	-1.39759486	-1.10674085	- .54092000	1.7523978	.76851275	
.81	-1.37846813	-1.05073603	- .46628776	2.4883437	.8060174	
.82	-1.35422899	- .99196228	- .39172678	3.0761832	.82832499	
.83	-1.32513850	- .93073497	- .31754164	3.6937968	.85168590	
.84	-1.29144580	- .86737029	- .24402668	4.2796069	.87070634	
.85	-1.25341684	- .80818401	- .17146510	4.8319790	.88542607	
.86	-1.21132704	- .73549027	- .10012882	5.3495286	.89590191	
.87	-1.16546003	- .66760038	- .03027468	5.8310315	.90220707	
.88	-1.11610631	- .59882173	- .03785013	6.2754825	.90443026	
.89	-1.06356196	- .52945668	1.0401476	6.6820354	.90267487	
.90	-1.00812734	- .45980152	1.6800212	7.0500291	.89705812	
.91	- .95010584	- .39014549	2.2961008	7.37989809	.88771010	
.92	- .88980260	- .32076981	2.8865149	7.6685821	.87477288	
.93	- .82758331	- .25194685	3.44935512	7.9186947	.85839955	
.94	- .763537297	- .18393928	3.9836531	8.1893466	.83875326	
.95	- .69825478	- .11699929	4.4874242	8.3007873	.81600630	
.96	- .63186897	- .05136790	4.9596292	8.4331880	.79033899	
.97	- .56471171	- .012872567	5.3991941	8.5278059	.76193888	
.98	- .49707411	- .07506462	5.8058057	8.85834382	.73099945	
.99	- .42924117	- 1.3544503	6.1769115	8.6026551	.69771968	
1.00	- .36149087	1.9367635	6.5137177	8.8575629	.66230253	
1.01	- .29409323	2.4958181	6.8151873	8.5337908	.68495429	
1.02	- .22730951	3.0899869	7.0810378	8.4478834	.58588353	
1.03	- .16139143	3.5377861	7.3111378	8.3892923	.54530023	
1.04	- .09658037	4.0178774	7.7505503	8.1793689	.50341485	
1.05	- .03310680	.44690693	7.6642945	7.99995554	.46043746	
1.06	- .02881042	.48903177	7.7878097	7.7913770	.41657691	
1.07	- .08896455	.528807263	7.8764817	7.55564331	.37803997	
1.08	- .14716144	.563954558	7.9308718	7.2963898	.32703057	
1.09	- .20321998	.59661735	7.9516643	7.0129680	.28174904	
1.10	- .25697246	.62601513	7.9396604	6.7079409	.23639139	
1.11	- .30826486	.65211636	7.8957717	5.3831198	.19114863	
1.12	- .35695713	.67490352	7.8210137	5.0403486	.14620615	
1.13	- .40292330	.69437278	7.7116499	5.6814948	.10174305	
1.14	- .44605166	.71053367	7.5834304	5.3084412	.05793167	
1.15	- .48624480	.72834087	7.4230931	4.9230783	.01493703	
1.16	- .52341961	.73303280	7.2368480	4.5272960	.08708364	
1.17	- .55750723	.73945314	7.0261839	4.1289766	.06798134	
1.18	- .58845893	.74287288	7.1824101	3.7119868	.10761566	
1.19	- .61621599	.74292787	6.5372488	3.2961709	.14585511	
1.20	- .64076942	.74013195	6.2622276	2.8773442	.18257743	
1.21	- .662100	.734430	5.96897	2.45729	.317670	
1.22	- .680207	.725922	5.65914	2.03773	.2510289	
1.23	- .695103	.714716	5.33440	1.62038	.282562	
1.24	- .706814	.700926	4.999646	1.20685	.318186	
1.25	.715376	.684676	4.64702	5.79874	.339826	
1.26	.720838	.666095	4.28777	5.39754	.365420	
1.27	.723260	.645319	3.98042	5.00472	.388915	
1.28	.7282712	.682488	3.54666	5.37838	.410267	
1.29	.719275	.597748	3.16815	5.75038	.429443	
1.30	.713037	.571846	2.78654	4.11014	.466419	
1.31	.704099	.543137	2.40543	4.45650	.461161	
1.32	.692565	.513572	2.02041	4.78839	.473724	
1.33	.678550	.482710	1.63901	5.10485	.484053	
1.34	.662176	.450707	1.26078	5.40499	.492188	
1.35	.643570	.417721	.088698	5.68803	.498132	
1.36	.622864	.383909	.051915	5.95325	.501934	
1.37	.600196	.349428	.015858	5.80004	.503626	
1.38	.575707	.314434	.0519348	5.42788	.503253	
1.39	.549545	.279079	.053585	5.63632	.500870	
1.40	.521856	.243515	.086740	3.82504	.496535	
1.41	.492791	.207888	.118708	3.99376	.490314	
1.42	.462503	.172343	.149398	4.14233	.482281	
1.43	.431143	.137020	.178702	4.27064	.472518	
1.44	.398866	.102054	.206556	4.37871	.461090	
1.45	.365824	.067576	.232880	4.6661	.448102	
1.46	.332169	.033710	.257608	4.53451	.433641	
1.47	.298052	.000575	.280688	4.58863	.417800	
1.48	.263619	-.031714	.302053	4.61129	.406677	
1.49	.229018	-.063050	.321678	4.62086	.382375	
1.50	.194389	-.093334	-.339524	4.61180	.362994	

$W_7(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
.75	.84892058	.81622370	.67474051	.56911872	.49562907
.76	.86166394	.81077385	.55651982	.54755864	.47335141
.77	.87002034	.80154848	.53550654	.58379071	.44923514
.78	.87408321	.78870634	.61188866	.49800038	.42345711
.79	.87396209	.77241734	.58586061	.47037617	.39619585
.80	.86978160	.75286136	.55762019	.44110866	.36763068
.81	.86168037	.73022716	.52736952	.41038962	.33794090
.82	.84980999	.70471120	.49531303	.37841107	.30730493
.83	.83433385	.67651657	.46156663	.34536444	.27589961
.84	.81542616	.64585180	.42660680	.31143971	.24389942
.85	.79327071	.61292987	.39036963	.27682464	.21147579
.86	.76805988	.57796705	.35314993	.24170403	.17879647
.87	.73999350	.54118191	.31515041	.20625898	.14602490
.88	.70927773	.50279430	.27657081	.17066622	.11331965
.89	.67612402	.46302433	.23760718	.13509753	.08083386
.90	.64074805	.42209145	.19845114	.09971910	.04871479
.91	.60336864	.38021351	.15928918	.06469101	.01710332
.92	.56420678	.33760591	.12020201	.03016674	.-0.13866537
.93	.52348460	.29448071	.08166400	.-0.0370727	.-0.04406728
.94	.48142437	.25104588	.04354264	.-0.03679206	.-0.07337980
.95	.43824764	.20750453	.00609799	.-0.6895646	.-10169204
.96	.39417425	.16405416	.-0.03051773	.-1.0007746	.-12890004
.97	.34942150	.12088606	.-0.06616058	.-1.3004043	.-15490802
.98	.30420331	.07818464	.-1.0069520	.-1.5873939	.-17962846
.99	.28872942	.03612686	.-1.3399519	.-1.8607716	.-30298226
1.00	.21320462	- .00511817	- 1.6594329	- 2.1196552	- 22489880
1.01	.16782810	- .04538993	- 1.9643170	- 2.3632550	- 24531599
1.02	.12879271	- .08453664	- 2.28536815	- 2.5908645	- 26418024
1.03	.07828438	- .18241576	- 2.5264608	- 2.8018803	- 28144648
1.04	.03448156	- 1.5889431	- 2.7820472	- 2.9957821	- 29707800
1.05	- .00844533	- 1.9384912	- 3.0196912	- 3.1721423	- 31104647
1.06	- .05033440	- 2.2716708	- 3.2368011	- 3.3306227	- 32333169
1.07	- .09103262	- 2.5874531	- 3.4388833	- 3.4709735	- 333921149
1.08	- .13039632	- 2.8849127	- 3.6195410	- 3.5930314	- 342811153
1.09	- .16829143	- 3.1632288	- 3.7804727	- 3.6967181	- 35000507
1.10	- .20459380	- 3.4216854	- 3.9214716	- 3.7820377	- 35551275
1.11	- .23918943	- 3.6596712	- 4.0424225	- 3.8490744	- 35935229
1.12	- .27197463	- 3.8766793	- 4.1433006	- 3.8979900	- 36154828
1.13	- .30285619	- 4.0723062	- 4.2841684	- 3.9290203	- 36213159
1.14	- .33175146	- 4.28462504	- 4.2851729	- 3.9424727	- 36113961
1.15	- .35858835	- 4.3983112	- 4.3265428	- 3.9387281	- 35861533
1.16	- .38330541	- 4.5823859	- 4.3485851	- 3.9182078	- 354620730
1.17	- .40585172	- 4.6364682	- 4.3516812	- 3.8814296	- 34916918
1.18	- .42618684	- 4.7262451	- 4.3362837	- 3.8889439	- 34835938
1.19	- .44428067	- 4.7870939	- 4.3029120	- 3.7613398	- 33484064
1.20	- .46011329	- 4.8300791	- 4.2521486	- 3.6793349	- 32487971
1.21	- .473675	- 4.85195	- 4.18463	- 3.58357	- 314347
1.22	- .484965	- 4.85313	- 4.10107	- 3.47481	- 302716
1.23	- .493993	- 4.83413	- 4.00219	- 3.35383	- 290062
1.24	- .500777	- 4.79552	- 3.88879	- 3.22145	- 276465
1.25	- .505346	- 4.737794	- 3.76170	- 3.07849	- 262005
1.26	- .507733	- 4.66210	- 3.68179	- 2.92582	- 246764
1.27	- .507985	- 4.56876	- 3.46996	- 2.76433	- 230825
1.28	- .506151	- 4.45874	- 3.30714	- 2.59489	- 214273
1.29	- .502291	- 4.33290	- 3.13427	- 2.41842	- 197192
1.30	- .496472	- 4.19215	- 2.95232	- 2.23582	- 179667
1.31	- .488764	- 4.03744	- 2.76226	- 2.04802	- 161782
1.32	- .479246	- 3.86975	- 2.56510	- 1.85592	- 143621
1.33	- .468002	- 3.69008	- 2.36181	- 1.66042	- 185266
1.34	- .455121	- 3.49948	- 2.15339	- 1.46243	- 106799
1.35	- .440694	- 3.29899	- 1.94083	- 1.26288	- 088300
1.36	- .424820	- 3.08968	- 1.72511	- 1.06247	- 069486
1.37	- .407599	- 2.87262	- 1.50720	- 0.86223	- 051514
1.38	- .389133	- 2.64889	- 1.28805	- 0.66293	- 033376
1.39	- .369530	- 2.41958	- 1.06860	- 0.46536	- 015503
1.40	- .348895	- 2.18575	- .084976	- .027031	.002037
1.41	- .327340	- 1.94848	- .063241	- .007851	.019179
1.42	- .304974	- 1.70881	- .041742	.010931	.035863
1.43	- .281909	- 1.46780	- .020560	.029248	.052029
1.44	- .258253	- 1.282644	- .000284	.047036	.067624
1.45	- .234119	- .098573	.020536	.064234	.082598
1.46	- .209616	- .074664	.040304	.080786	.096908
1.47	- .184851	- .051011	.059459	.096629	.120496
1.48	- .159935	- .027702	.077939	.111745	.1233359
1.49	- .134964	- .004824	.095684	.126060	.135397
1.50	- .110046	.017542	.112639	.139545	.146639

$W_7(x, r)$

$x \setminus r$	1	.1	1.25	1.5	2.0
1.50	1943	- .933	.3395	- 4611	- 3629
1.51	1597	- 1225	.3555	- 4584	- 3425
1.52	1255	- 1504	.3698	- 4539	- 3212
1.53	.916	- 1770	.3821	- 4477	- 2993
1.54	0582	- 2022	.3927	- 4399	- 2766
1.55	.255	- 2259	.4014	- 4305	- 2534
1.56	-.0066	- 2482	.4083	- 4197	- 2298
1.57	-.0377	- 2689	.4134	- 4075	- 2059
1.58	-.0679	- 2880	.4167	- 3939	- 1817
1.59	-.0971	- 3054	.4183	- 3798	- 1574
1.60	-.1251	- 3212	.4182	- 3633	- 1330
1.61	-.1519	- 3353	.4164	- 3463	- 1087
1.62	-.1775	- 3477	.4130	- 3284	- 0847
1.63	-.2013	- 3584	.4080	- 3097	- 0608
1.64	-.2244	- 3674	.4016	- 2902	- 0373
1.65	-.2456	- 3747	.3937	- 2700	- 0142
1.66	-.2654	- 3804	.3845	- 2493	0083
1.67	-.2836	- 3844	.3740	- 2281	0303
1.68	-.3002	- 3868	.3623	- 2065	0516
1.69	-.3151	- 3875	.3493	- 1846	0722
1.70	-.3285	- 3867	.3354	- 1686	0919
1.71	-.3401	- 3844	.3205	- 1405	1109
1.72	-.3502	- 3806	.3047	- 1184	1268
1.73	-.3585	- 3754	.2881	- 0964	1459
1.74	-.3653	- 3689	.2708	- 0745	1619
1.75	-.3704	- 3610	.2528	- 0529	1770
1.76	-.3739	- 3519	.2343	- 0317	1909
1.77	-.3758	- 3417	.2153	- 0108	2038
1.78	-.3763	- 3303	.1960	- 0095	2155
1.79	-.3751	- 3180	.1763	.0294	2261
1.80	-.3726	- 3047	.1565	.0485	2355
1.81	-.3686	- 2905	.1366	.0671	2438
1.82	-.3632	- 2735	.1166	.0848	2508
1.83	-.3566	- 2598	.0967	.1019	2568
1.84	-.3487	- 2436	.0769	.1180	2615
1.85	-.3396	- 2867	.0573	1333	2652
1.86	-.3294	- 2094	.0380	1476	2676
1.87	-.3181	- 1916	.0190	1611	2690
1.88	-.3060	- 1737	.0005	1735	2692
1.89	-.2928	- 1554	.0177	1850	2685
1.90	-.2769	- 1370	.0352	1954	2666
1.91	-.2642	- 1185	.0582	2048	2638
1.92	-.2486	- 1001	.0685	2131	2599
1.93	-.2328	- 817	.0842	2204	2551
1.94	-.2164	- 635	.0991	2266	2495
1.95	-.1995	- 454	1133	2318	2430
1.96	-.1822	- 277	1266	2359	2358
1.97	-.1646	- 104	1389	2389	2277
1.98	-.1469	- 066	1505	2409	2190
1.99	-.1290	- 231	1612	2419	2097
2.00	-.1111	391	1710	2420	1998
2.01	-.0932	545	1799	2412	1893
2.02	-.0754	694	1878	2393	1784
2.03	-.0576	835	1948	2367	1670
2.04	-.0403	970	2009	2331	1553
2.05	-.0232	1097	2060	2267	1432
2.06	-.0064	1217	2101	2235	1309
2.07	-.0100	1329	2134	2176	1184
2.08	-.0259	1433	2156	2109	1058
2.09	-.0413	1529	2170	2036	0930
2.10	.0562	1615	2175	1957	.0808
2.11	.0704	1694	2171	1878	.0675
2.12	.0840	1763	2159	1782	.0548
2.13	.0969	1824	2138	1687	.0421
2.14	1092	1876	2110	1588	.0297
2.15	1206	1920	2073	1485	.0174
2.16	1313	1954	2030	1379	.0054
2.17	1412	1980	1980	1270	.0063
2.18	1503	1998	1923	1159	.0177
2.19	1585	2007	1860	1046	.0287
2.20	1660	2008	1791	0938	.0394
2.21	1725	2001	1717	0818	.0496
2.22	1782	1986	1638	0703	.0594
2.23	1831	1964	1555	0588	.0686
2.24	1871	1934	1467	0474	.0774
2.25	1903	1898	1376	0360	.0856

$x \setminus r$		$W_7(x, r)$				
x	r	3.0	4.0	6.0	8.0	10.0
1.50	- 1100	.0175	1126	1395	1466	
1.51	- .0851	.0395	1289	1523	1571	
1.52	- .0605	.0606	1441	1640	1667	
1.53	- .0364	.0810	1584	1748	1753	
1.54	- .0126	1005	1718	1846	1830	
1.55	.0106	1192	1841	1935	1899	
1.56	.0332	1370	1954	2014	1958	
1.57	.0558	1539	2057	2083	2008	
1.58	.0764	1697	2149	2143	2049	
1.59	.0968	1845	2231	2192	2081	
1.60	1163	1982	2302	2232	2104	
1.61	1349	2107	2361	2261	2117	
1.62	1526	2282	2411	2282	2123	
1.63	1692	2325	2449	2292	2119	
1.64	1847	2416	2477	2293	2108	
1.65	1991	2496	2495	2286	2088	
1.66	2124	2564	2502	2269	2060	
1.67	2245	2620	2499	2244	2025	
1.68	2354	2664	2486	2210	1983	
1.69	2452	2697	2464	2168	1934	
1.70	2537	2718	2433	2119	1878	
1.71	2611	2728	2392	2063	1816	
1.72	2678	2727	2344	2000	1749	
1.73	2721	2716	2287	1931	1676	
1.74	2758	2694	2222	1855	1599	
1.75	2784	2662	2151	1774	1517	
1.76	2798	2620	2072	1688	1430	
1.77	2801	2569	1987	1597	1341	
1.78	2792	2509	1897	1502	1248	
1.79	2773	2441	1801	1404	1152	
1.80	2743	2365	1700	1302	1054	
1.81	2703	2281	1596	1198	0955	
1.82	2653	2190	1487	1092	0853	
1.83	2595	2093	1375	0984	0752	
1.84	2527	1990	1261	0875	0649	
1.85	2452	1882	1144	0764	0547	
1.86	2368	1769	1025	0653	0444	
1.87	2278	1652	0907	0542	0343	
1.88	2180	1531	0787	0432	0242	
1.89	2077	1407	0666	0323	0143	
1.90	1967	1881	0546	0215	0046	
1.91	1852	1153	0427	0109	0049	
1.92	1734	1023	0309	0006	0142	
1.93	1612	0893	0193	0095	0831	
1.94	1486	0762	0079	0193	0318	
1.95	1357	.0632	-.0033	-.0888	-.0401	
1.96	1227	.0502	-.0142	-.0380	-.0481	
1.97	1095	.0374	-.0247	-.0468	-.0556	
1.98	0962	.0247	-.0349	-.0558	-.0628	
1.99	0828	.0123	-.0447	-.0638	-.0695	
2.00	.0695	.0001	-.0541	-.0707	-.0759	
2.01	.0562	-.0117	-.0631	-.0778	-.0817	
2.02	.0431	-.0233	-.0716	-.0844	-.0871	
2.03	.0301	-.0344	-.0795	-.0905	-.0921	
2.04	.0173	-.0458	-.0870	-.0961	-.0965	
2.05	.0047	-.0555	-.0940	-.1012	-.1005	
2.06	-.0075	-.0653	-.1004	-.1058	-.1040	
2.07	-.0194	-.0746	-.1063	-.1098	-.1070	
2.08	-.0309	-.0834	-.1116	-.1133	-.1096	
2.09	-.0420	-.0916	-.1163	-.1163	-.1115	
2.10	-.0527	-.0993	-.1205	-.1188	-.1130	
2.11	-.0629	-.1064	-.1241	-.1207	-.1141	
2.12	-.0726	-.1129	-.1271	-.1221	-.1146	
2.13	-.0818	-.1188	-.1295	-.1230	-.1148	
2.14	-.0904	-.1241	-.1314	-.1234	-.1144	
2.15	-.0984	-.1288	-.1327	-.1233	-.1136	
2.16	-.1058	-.1328	-.1335	-.1228	-.1184	
2.17	-.1127	-.1362	-.1337	-.1217	-.1108	
2.18	-.1189	-.1390	-.1334	-.1202	-.1088	
2.19	-.1245	-.1412	-.1326	-.1183	-.1065	
2.20	-.1295	-.1428	-.1312	-.1160	-.1037	
2.21	-.1338	-.1437	-.1294	-.1133	-.1007	
2.22	-.1375	-.1441	-.1278	-.1108	-.0973	
2.23	-.1405	-.1439	-.1245	-.1067	-.0936	
2.24	-.1430	-.1432	-.1214	-.1029	-.0897	
2.25	-.1448	-.1419	-.1179	-.0989	-.0855	

$W_7(x, r)$

X \ Y	1	1.1	1.25	1.5	2.0
2.25	.1903	.1898	.1376	.0360	-.0856
2.26	.1926	.1855	.1282	.0249	-.0933
2.27	.1941	.1806	.1185	.0139	-.1005
2.28	.1948	.1751	.1087	.0031	-.1070
2.29	.1947	.1690	.0986	-.0073	-.1130
2.30	.1939	.1624	.0884	-.0175	-.1183
2.31	.1923	.1554	.0781	-.0274	-.1231
2.32	.1900	.1479	.0678	-.0369	-.1272
2.33	.1870	.1400	.0574	-.0460	-.1308
2.34	.1833	.1318	.0471	-.0547	-.1337
2.35	.1790	.1233	.0369	-.0629	-.1360
2.36	.1741	.1145	.0268	-.0707	-.1377
2.37	.1686	.1054	.0169	-.0780	-.1389
2.38	.1626	.0962	.0071	-.0848	-.1395
2.39	.1561	.0869	-.0024	-.0911	-.1395
2.40	.1492	.0774	-.0117	-.0969	-.1389
2.41	.1418	.0679	-.0207	-.1022	-.1378
2.42	.1341	.0584	-.0293	-.1069	-.1362
2.43	.1261	.0488	-.0377	-.1110	-.1341
2.44	.1177	.0393	-.0457	-.1147	-.1316
2.45	.1091	.0300	-.0533	-.1177	-.1286
2.46	.1003	.0207	-.0604	-.1203	-.1251
2.47	.0914	.0115	-.0672	-.1223	-.1213
2.48	.0822	.0027	-.0735	-.1237	-.1170
2.49	.0730	-.0060	-.0794	-.1246	-.1124
2.50	.0638	-.0145	-.0848	-.1250	-.1075
2.51	.0545	-.0227	-.0897	-.1249	-.1083
2.52	.0453	-.0306	-.0941	-.1244	-.0968
2.53	.0361	-.0381	-.0981	-.1233	-.0911
2.54	.0270	-.0453	-.1016	-.1218	-.0852
2.55	.0181	-.0522	-.1045	-.1198	-.0791
2.56	.0093	-.0586	-.1070	-.1174	-.0788
2.57	.0006	-.0647	-.1090	-.1146	-.0664
2.58	-.0077	-.0703	-.1105	-.1115	-.0599
2.59	-.0159	-.0756	-.1116	-.1079	-.0534
2.60	-.0238	-.0804	-.1121	-.1041	-.0467
2.61	-.0313	-.0847	-.1122	-.0999	-.0401
2.62	-.0386	-.0886	-.1139	-.0954	-.0335
2.63	-.0455	-.0921	-.1111	-.0907	-.0870
2.64	-.0521	-.0951	-.1099	-.0857	-.0805
2.65	-.0583	-.0976	-.1084	-.0805	-.0140
2.66	-.0641	-.0997	-.1064	-.0752	-.0077
2.67	-.0694	-.1013	-.1040	-.0697	-.0016
2.68	-.0744	-.1025	-.1013	-.0640	-.0044
2.69	-.0790	-.1033	-.0983	-.0583	-.0103
2.70	-.0831	-.1036	-.0949	-.0524	.0159
2.71	-.0868	-.1035	-.0913	-.0465	.0214
2.72	-.0900	-.1030	-.0874	-.0406	.0266
2.73	-.0928	-.1021	-.0832	-.0347	.0315
2.74	-.0951	-.1008	-.0768	-.0287	.0368
2.75	-.0970	-.0992	-.0743	-.0229	.0407
2.76	-.0985	-.0972	-.0695	-.0170	.0449
2.77	-.0996	-.0949	-.0646	-.0113	.0488
2.78	-.1002	-.0922	-.0596	-.0057	.0524
2.79	-.1005	-.0893	-.0545	-.0002	.0557
2.80	-.1003	-.0861	-.0493	.0052	.0587
2.81	-.0997	-.0826	-.0440	.0104	.0613
2.82	-.0988	-.0789	-.0387	.0154	.0637
2.83	-.0975	-.0750	-.0334	.0202	.0658
2.84	-.0958	-.0709	-.0280	.0249	.0675
2.85	-.0938	-.0666	-.0227	.0893	.0689
2.86	-.0915	-.0622	-.0175	.0335	.0701
2.87	-.0889	-.0576	-.0123	.0374	.0709
2.88	-.0860	-.0529	-.0072	.0411	.0714
2.89	-.0828	-.0481	-.0022	.0446	.0716
2.90	-.0794	-.0433	.0026	.0477	.0715
2.91	-.0758	-.0384	.0074	.0506	.0718
2.92	-.0719	-.0335	.0120	.0532	.0706
2.93	-.0679	-.0286	.0164	.0556	.0697
2.94	-.0637	-.0237	.0206	.0577	.0685
2.95	-.0593	-.0188	.0247	.0594	.0672
2.96	-.0549	-.0140	.0285	.0609	.0655
2.97	-.0503	-.0092	.0322	.0622	.0637
2.98	-.0456	-.0046	.0356	.0631	.0617
2.99	-.0409	.0000	.0388	.0638	.0595
3.00	-.0368	.0045	.0417	.0642	.0570

$W_7(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
2.25	-1.448	-1.419	-1.179	-0.989	-0.855
2.26	-1.450	-1.401	-1.140	-0.945	-0.811
2.27	-1.456	-1.378	-1.097	-0.899	-0.764
2.28	-1.466	-1.350	-1.052	-0.850	-0.716
2.29	-1.460	-1.317	-1.003	-0.799	-0.667
2.30	-1.449	-1.280	-0.952	-0.747	-0.616
2.31	-1.432	-1.239	-0.899	-0.693	-0.563
2.32	-1.410	-1.195	-0.843	-0.637	-0.510
2.33	-1.383	-1.146	-0.785	-0.581	-0.457
2.34	-1.351	-1.095	-0.726	-0.523	-0.403
2.35	-1.315	-1.040	-0.666	-0.465	-0.348
2.36	-1.275	-0.983	-0.604	-0.407	-0.294
2.37	-1.230	-0.923	-0.542	-0.349	-0.240
2.38	-1.182	-0.862	-0.479	-0.291	-0.187
2.39	-1.131	-0.798	-0.415	-0.233	-0.134
2.40	-1.076	-0.733	-0.352	-0.175	-0.082
2.41	-1.019	-0.667	-0.289	-0.119	-0.031
2.42	-0.959	-0.600	-0.227	-0.063	0.019
2.43	-0.896	-0.532	-0.165	-0.009	0.068
2.44	-0.832	-0.464	-0.104	0.044	0.115
2.45	-0.766	-0.396	-0.045	0.095	0.160
2.46	-0.699	-0.328	0.014	0.145	0.204
2.47	-0.631	-0.260	0.070	0.193	0.245
2.48	-0.562	-0.193	0.125	0.239	0.285
2.49	-0.493	-0.187	0.178	0.283	0.322
2.50	0.424	-0.063	0.229	0.324	0.357
2.51	0.354	0.000	0.278	0.364	0.390
2.52	0.286	0.062	0.325	0.400	0.421
2.53	0.217	0.122	0.369	0.435	0.449
2.54	0.150	0.179	0.410	0.466	0.475
2.55	-0.084	0.235	0.449	0.495	0.498
2.56	-0.019	0.288	0.485	0.522	0.518
2.57	0.044	0.339	0.518	0.545	0.536
2.58	0.106	0.387	0.548	0.566	0.551
2.59	0.165	0.432	0.575	0.584	0.564
2.60	0.222	0.474	0.599	0.599	0.575
2.61	0.277	0.514	0.621	0.612	0.582
2.62	0.329	0.550	0.639	0.622	0.588
2.63	0.379	0.583	0.654	0.629	0.590
2.64	0.426	0.613	0.667	0.633	0.591
2.65	0.470	0.640	0.676	0.635	0.589
2.66	0.511	0.664	0.683	0.634	0.585
2.67	0.549	0.684	0.686	0.631	0.578
2.68	0.584	0.702	0.687	0.626	0.570
2.69	0.615	0.715	0.685	0.618	0.559
2.70	0.644	0.726	0.681	0.608	0.547
2.71	0.669	0.734	0.673	0.595	0.533
2.72	0.690	0.738	0.664	0.581	0.516
2.73	0.708	0.740	0.652	0.564	0.499
2.74	0.723	0.738	0.637	0.546	0.479
2.75	0.735	0.734	0.681	0.527	0.459
2.76	0.744	0.726	0.602	0.505	0.437
2.77	0.749	0.717	0.582	0.483	0.414
2.78	0.752	0.704	0.560	0.459	0.390
2.79	0.751	0.690	0.537	0.434	0.365
2.80	0.748	0.672	0.511	0.407	0.340
2.81	0.741	0.653	0.485	0.380	0.313
2.82	0.732	0.632	0.457	0.352	0.287
2.83	0.720	0.608	0.428	0.324	0.259
2.84	0.706	0.583	0.398	0.294	0.232
2.85	0.689	0.556	0.368	0.265	0.204
2.86	0.670	0.528	0.337	0.235	0.176
2.87	0.649	0.498	0.305	0.205	0.148
2.88	0.626	0.467	0.275	0.175	0.120
2.89	0.600	0.435	0.240	0.145	0.093
2.90	0.574	0.403	0.208	0.115	0.066
2.91	0.545	0.369	0.175	0.086	0.039
2.92	0.515	0.335	0.143	0.057	0.013
2.93	0.484	0.300	0.111	0.029	-0.013
2.94	0.452	0.265	0.079	0.001	-0.038
2.95	0.419	0.230	0.048	-0.026	-0.062
2.96	0.385	0.195	0.018	-0.053	-0.085
2.97	0.350	0.160	-0.012	-0.078	-0.107
2.98	0.315	0.126	-0.041	-0.102	-0.128
2.99	0.280	0.092	-0.069	-0.126	-0.148
3.00	0.244	0.058	-0.096	-0.148	-0.167

$W_7(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.00	- .0362	.0045	.0417	.0642	.0570
3.01	- .0314	.0088	.0444	.0643	.0545
3.02	- .0266	.0129	.0459	.0642	.0518
3.03	- .0219	.0169	.0491	.0638	.0489
3.04	- .0172	.0208	.0510	.0632	.0459
3.05	- .0125	.0244	.0528	.0623	.0429
3.06	- .0079	.0279	.0542	.0613	.0397
3.07	- .0034	.0312	.0554	.0600	.0364
3.08	.0010	.0342	.0564	.0585	.0331
3.09	.0053	.0371	.0571	.0568	.0298
3.10	.0094	.0397	.0575	.0549	.0264
3.11	.0135	.0421	.0577	.0529	.0230
3.12	.0173	.0443	.0577	.0507	.0196
3.13	.0210	.0462	.0575	.0483	.0162
3.14	.0245	.0479	.0570	.0459	.0129
3.15	.0278	.0494	.0563	.0433	.0095
3.16	.0309	.0506	.0555	.0406	.0062
3.17	.0339	.0516	.0544	.0378	.0030
3.18	.0366	.0524	.0531	.0349	- .0001
3.19	.0391	.0529	.0517	.0320	- .0032
3.20	.0413	.0533	.0501	.0290	- .0068
3.21	.0434	.0534	.0483	.0260	- .0091
3.22	.0452	.0532	.0464	.0230	- .0118
3.23	.0468	.0529	.0443	.0199	- .0145
3.24	.0482	.0524	.0421	.0169	- .0170
3.25	.0494	.0517	.0399	.0138	- .0194
3.26	.0503	.0508	.0375	.0108	- .0216
3.27	.0510	.0497	.0350	.0078	- .0237
3.28	.0515	.0485	.0325	.0049	- .0257
3.29	.0517	.0471	.0299	.0020	- .0275
3.30	.0518	.0455	.0272	- .0008	- .0291
3.31	.0516	.0438	.0245	- .0035	- .0306
3.32	.0513	.0420	.0218	- .0062	- .0320
3.33	.0507	.0400	.0190	- .0088	- .0331
3.34	.0500	.0380	.0163	- .0118	- .0341
3.35	.0491	.0358	.0136	- .0136	- .0350
3.36	.0480	.0336	.0108	- .0158	- .0357
3.37	.0467	.0313	.0081	- .0179	- .0362
3.38	.0453	.0289	.0055	- .0199	- .0366
3.39	.0438	.0265	.0029	- .0218	- .0368
3.40	.0421	.0240	- .0003	- .0235	- .0369
3.41	.0403	.0215	- .0022	- .0251	- .0368
3.42	.0384	.0190	- .0046	- .0265	- .0365
3.43	.0364	.0164	- .0069	- .0278	- .0362
3.44	.0343	.0139	- .0091	- .0290	- .0356
3.45	.0321	.0114	- .0113	- .0300	- .0350
3.46	.0298	.0089	- .0134	- .0308	- .0313
3.47	.0275	.0064	- .0153	- .0316	- .0334
3.48	.0251	.0040	- .0171	- .0328	- .0324
3.49	.0227	.0016	- .0189	- .0386	- .0314
3.50	.0203	- .0007	- .0205	- .0389	- .0308
3.51	.0178	- .0030	- .0219	- .0331	- .0289
3.52	.0154	- .0052	- .0233	- .0331	- .0276
3.53	.0129	- .0073	- .0245	- .0330	- .0261
3.54	.0105	- .0094	- .0256	- .0327	- .0247
3.55	.0081	- .0113	- .0266	- .0324	- .0231
3.56	.0057	- .0132	- .0274	- .0319	- .0215
3.57	.0033	- .0149	- .0281	- .0313	- .0199
3.58	.0010	- .0166	- .0287	- .0306	- .0182
3.59	- .0012	- .0181	- .0291	- .0298	- .0165
3.60	- .0034	- .0195	- .0295	- .0289	- .0147
3.61	- .0055	- .0208	- .0297	- .0279	- .0130
3.62	- .0076	- .0220	- .0297	- .0268	- .0113
3.63	- .0095	- .0231	- .0297	- .0257	- .0095
3.64	- .0114	- .0241	- .0295	- .0245	- .0078
3.65	- .0132	- .0249	- .0293	- .0232	- .0060
3.66	- .0149	- .0256	- .0289	- .0218	- .0043
3.67	- .0164	- .0262	- .0284	- .0204	- .0027
3.68	- .0179	- .0267	- .0278	- .0190	- .0010
3.69	- .0193	- .0271	- .0271	- .0175	.0006
3.70	- .0205	- .0273	- .0263	- .0160	.0022
3.71	- .0216	- .0274	- .0255	- .0144	.0037
3.72	- .0227	- .0275	- .0245	- .0129	.0051
3.73	- .0236	- .0274	- .0235	- .0113	.0065
3.74	- .0244	- .0272	- .0225	- .0097	.0079
3.75	- .0250	- .0269	- .0213	- .0082	.0098

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.00	.0244	.0058	-.0096	-.0148	-.0167
3.01	.0208	.0025	-.0122	-.0159	-.0185
3.02	.0173	-.0007	-.0147	-.0189	-.0202
3.03	.0138	-.0039	-.0170	-.0208	-.0217
3.04	.0103	-.0069	-.0193	-.0225	-.0231
3.05	.0068	-.0099	-.0214	-.0241	-.0244
3.06	.0034	-.0127	-.0233	-.0256	-.0256
3.07	.0001	-.0154	-.0251	-.0269	-.0266
3.08	-.0031	-.0179	-.0268	-.0281	-.0275
3.09	-.0062	-.0204	-.0283	-.0291	-.0283
3.10	-.0093	-.0227	-.0297	-.0300	-.0289
3.11	-.0122	-.0248	-.0309	-.0307	-.0294
3.12	-.0149	-.0268	-.0320	-.0314	-.0298
3.13	-.0176	-.0286	-.0329	-.0318	-.0300
3.14	-.0201	-.0303	-.0336	-.0323	-.0301
3.15	-.0225	-.0318	-.0342	-.0324	-.0301
3.16	-.0247	-.0331	-.0346	-.0324	-.0300
3.17	-.0268	-.0343	-.0349	-.0324	-.0298
3.18	-.0287	-.0353	-.0351	-.0322	-.0294
3.19	-.0304	-.0361	-.0351	-.0318	-.0290
3.20	-.0320	-.0368	-.0350	-.0314	-.0284
3.21	-.0334	-.0373	-.0347	-.0309	-.0277
3.22	-.0346	-.0377	-.0343	-.0303	-.0270
3.23	-.0357	-.0379	-.0339	-.0295	-.0261
3.24	-.0366	-.0379	-.0331	-.0286	-.0252
3.25	-.0373	-.0378	-.0324	-.0277	-.0242
3.26	-.0379	-.0375	-.0315	-.0266	-.0231
3.27	-.0383	-.0371	-.0305	-.0255	-.0220
3.28	-.0385	-.0366	-.0295	-.0243	-.0208
3.29	-.0386	-.0359	-.0283	-.0231	-.0196
3.30	-.0385	-.0351	-.0271	-.0218	-.0183
3.31	-.0383	-.0343	-.0258	-.0204	-.0170
3.32	-.0379	-.0323	-.0244	-.0190	-.0156
3.33	-.0374	-.0308	-.0230	-.0176	-.0142
3.34	-.0368	-.0308	-.0215	-.0161	-.0128
3.35	-.0360	-.0295	-.0199	-.0146	-.0114
3.36	-.0351	-.0281	-.0183	-.0131	-.0100
3.37	-.0341	-.0266	-.0167	-.0115	-.0085
3.38	-.0330	-.0251	-.0151	-.0100	-.0071
3.39	-.0317	-.0235	-.0134	-.0085	-.0057
3.40	-.0304	-.0218	-.0118	-.0069	-.0043
3.41	-.0290	-.0201	-.0101	-.0054	-.0029
3.42	-.0275	-.0184	-.0084	-.0039	-.0015
3.43	-.0259	-.0166	-.0068	-.0024	-.0008
3.44	-.0243	-.0148	-.0051	-.0010	-.0011
3.45	-.0227	-.0130	-.0035	.0004	.0024
3.46	-.0209	-.0112	-.0019	.0018	.0036
3.47	-.0192	-.0094	-.0004	.0032	.0047
3.48	-.0174	-.0076	.0011	.0044	.0059
3.49	-.0156	-.0059	.0026	.0057	.0069
3.50	-.0138	-.0041	.0040	.0069	.0080
3.51	-.0119	-.0024	.0054	.0080	.0089
3.52	-.0101	-.0007	.0067	.0090	.0098
3.53	-.0083	-.0009	.0080	.0100	.0106
3.54	-.0065	.0025	.0092	.0110	.0114
3.55	-.0047	.0041	.0103	.0118	.0121
3.56	-.0029	.0056	.0113	.0126	.0128
3.57	-.0012	.0070	.0123	.0134	.0133
3.58	-.0005	.0084	.0132	.0140	.0138
3.59	.0022	.0097	.0141	.0146	.0143
3.60	.0037	.0109	.0148	.0151	.0146
3.61	.0053	.0120	.0155	.0156	.0149
3.62	.0068	.0131	.0161	.0159	.0152
3.63	.0082	.0141	.0166	.0162	.0153
3.64	.0095	.0150	.0170	.0164	.0155
3.65	.0108	.0158	.0174	.0166	.0155
3.66	.0120	.0166	.0177	.0167	.0155
3.67	.0131	.0173	.0179	.0167	.0154
3.68	.0141	.0178	.0180	.0166	.0152
3.69	.0151	.0183	.0181	.0165	.0150
3.70	.0159	.0187	.0180	.0163	.0148
3.71	.0167	.0190	.0179	.0161	.0145
3.72	.0174	.0193	.0178	.0158	.0141
3.73	.0180	.0194	.0176	.0154	.0137
3.74	.0185	.0195	.0173	.0150	.0133
3.75	.0190	.0195	.0169	.0145	.0128

$W_7(x,r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.75	- .0250	- .0269	- .0213	- .0082	.0092
3.76	- .0256	- .0285	- .0201	- .0066	.0104
3.77	- .0260	- .0260	- .0189	- .0051	.0115
3.78	- .0263	- .0254	- .0176	- .0035	.0126
3.79	- .0266	- .0247	- .0163	- .0020	.0135
3.80	- .0267	- .0240	- .0149	- .0006	.0144
3.81	- .0266	- .0232	- .0136	.0009	.0153
3.82	- .0265	- .0223	- .0122	.0023	.0160
3.83	- .0263	- .0213	- .0108	.0036	.0167
3.84	- .0260	- .0203	- .0093	.0049	.0172
3.85	- .0256	- .0198	- .0079	.0062	.0177
3.86	- .0251	- .0181	- .0065	.0074	.0181
3.87	- .0245	- .0169	- .0051	.0085	.0185
3.88	- .0238	- .0157	- .0037	.0096	.0187
3.89	- .0231	- .0145	- .0024	.0106	.0189
3.90	- .0223	- .0132	- .0010	.0115	.0190
3.91	- .0214	- .0119	- .0003	.0124	.0190
3.92	- .0204	- .0106	- .0015	.0132	.0189
3.93	- .0194	- .0093	.0028	.0139	.0188
3.94	- .0184	- .0080	.0039	.0145	.0185
3.95	- .0173	- .0067	.0051	.0151	.0183
3.96	- .0161	- .0054	.0062	.0156	.0179
3.97	- .0150	- .0042	.0072	.0160	.0175
3.98	- .0138	- .0029	.0082	.0164	.0170
3.99	- .0105	- .0016	.0091	.0166	.0165
4.00	- .0113	- .0004	.0100	.0168	.0160
4.01	- .0100	.0008	.0108	.0170	.0153
4.02	- .0088	.0019	.0115	.0170	.0147
4.03	- .0075	.0030	.0122	.0170	.0140
4.04	- .0062	.0041	.0128	.0170	.0132
4.05	- .0050	.0052	.0134	.0168	.0124
4.06	- .0038	.0061	.0138	.0166	.0116
4.07	- .0025	.0071	.0142	.0153	.0108
4.08	- .0013	.0080	.0146	.0160	.0099
4.09	- .0001	.0088	.0149	.0156	.0091
4.10	.0010	.0096	.0151	.0152	.0082
4.11	.0021	.0103	.0158	.0147	.0073
4.12	.0032	.0109	.0153	.0142	.0064
4.13	.0042	.0115	.0153	.0136	.0055
4.14	.0052	.0121	.0153	.0130	.0046
4.15	.0062	.0125	.0152	.0134	.0037
4.16	.0071	.0130	.0150	.0117	.0028
4.17	.0079	.0133	.0148	.0110	.0019
4.18	.0087	.0136	.0145	.0103	.0011
4.19	.0095	.0138	.0142	.0095	.0008
4.20	.0101	.0140	.0138	.0088	- .0006
4.21	.0108	.0141	.0134	.0080	- .0014
4.22	.0113	.0141	.0130	.0078	- .0021
4.23	.0118	.0141	.0125	.0064	- .0029
4.24	.0123	.0141	.0119	.0056	- .0036
4.25	.0127	.0140	.0114	.0047	- .0043
4.26	.0130	.0138	.0108	.0039	- .0049
4.27	.0133	.0136	.0102	.0031	- .0055
4.28	.0135	.0133	.0095	.0023	- .0061
4.29	.0136	.0130	.0088	.0016	- .0066
4.30	.0137	.0126	.0082	.0008	- .0071
4.31	.0137	.0122	.0075	.0000	- .0076
4.32	.0137	.0118	.0067	- .0007	- .0080
4.33	.0136	.0113	.0060	- .0014	- .0064
4.34	.0135	.0108	.0053	- .0021	- .0067
4.35	.0133	.0103	.0046	- .0088	- .0090
4.36	.0131	.0097	.0038	- .0034	- .0092
4.37	.0128	.0091	.0031	- .0040	- .0094
4.38	.0125	.0085	.0024	- .0046	- .0096
4.39	.0122	.0079	.0017	- .0051	- .0097
4.40	.0118	.0072	.0010	- .0056	- .0097
4.41	.0113	.0066	.0003	- .0061	- .0098
4.42	.0109	.0059	- .0003	- .0065	- .0097
4.43	.0104	.0053	- .0010	- .0069	- .0097
4.44	.0098	.0046	- .0016	- .0073	- .0096
4.45	.0093	.0039	- .0022	- .0076	- .0095
4.46	.0087	.0032	- .0028	- .0079	- .0094
4.47	.0081	.0026	- .0034	- .0081	- .0092
4.48	.0075	.0019	- .0039	- .0083	- .0090
4.49	.0069	.0013	- .0044	- .0085	- .0087
4.50	.0063	.0006	- .0049	- .0086	- .0084

$W_7(x, r)$

X \ Y	3.0	4.0	6.0	8.0	10.0
3.75	.0190	.0195	.0169	.0145	.0028
3.76	.0193	.0194	.0165	.0140	.0033
3.77	.0196	.0192	.0160	.0135	.0027
3.78	.0198	.0190	.0155	.0129	.0021
3.79	.0199	.0187	.0150	.0123	.0105
3.80	.0199	.0183	.0144	.0116	.0098
3.81	.0198	.0179	.0137	.0110	.0092
3.82	.0197	.0174	.0130	.0103	.0085
3.83	.0194	.0169	.0123	.0095	.0078
3.84	.0192	.0163	.0115	.0088	.0071
3.85	.0188	.0156	.0108	.0080	.0063
3.86	.0184	.0149	.0100	.0072	.0056
3.87	.0179	.0148	.0091	.0064	.0049
3.88	.0174	.0134	.0083	.0057	.0041
3.89	.0168	.0126	.0075	.0049	.0034
3.90	.0161	.0118	.0066	.0041	.0027
3.91	.0154	.0109	.0058	.0033	.0019
3.92	.0147	.0100	.0049	.0025	.0012
3.93	.0139	.0091	.0040	.0017	.0005
3.94	.0131	.0088	.0032	.0010	.0001
3.95	.0122	.0073	.0024	-.0002	-.0008
3.96	.0114	.0064	.0015	-.0005	-.0014
3.97	.0105	.0055	.0007	-.0012	-.0021
3.98	.0096	.0045	-.0001	-.0019	-.0027
3.99	.0086	.0036	-.0009	-.0025	-.0032
4.00	.0077	.0027	-.0016	-.0031	-.0038
4.01	.0068	.0018	-.0023	-.0037	-.0043
4.02	.0058	.0009	-.0030	-.0043	-.0048
4.03	.0049	-.0001	-.0037	-.0048	-.0052
4.04	.0039	-.0008	-.0043	-.0053	-.0056
4.05	.0030	-.0016	-.0049	-.0058	-.0060
4.06	.0021	-.0024	-.0055	-.0063	-.0064
4.07	.0012	-.0031	-.0060	-.0066	-.0067
4.08	.0003	-.0039	-.0065	-.0070	-.0070
4.09	-.0006	-.0045	-.0070	-.0073	-.0072
4.10	-.0014	-.0052	-.0074	-.0076	-.0074
4.11	-.0022	-.0058	-.0078	-.0079	-.0076
4.12	-.0030	-.0064	-.0081	-.0081	-.0077
4.13	-.0037	-.0069	-.0084	-.0083	-.0079
4.14	-.0044	-.0074	-.0086	-.0084	-.0079
4.15	-.0051	-.0079	-.0088	-.0085	-.0080
4.16	-.0058	-.0083	-.0090	-.0086	-.0080
4.17	-.0064	-.0087	-.0091	-.0086	-.0080
4.18	-.0069	-.0090	-.0092	-.0086	-.0079
4.19	-.0074	-.0093	-.0093	-.0085	-.0078
4.20	-.0079	-.0095	-.0093	-.0085	-.0077
4.21	-.0083	-.0097	-.0093	-.0084	-.0076
4.22	-.0087	-.0099	-.0092	-.0083	-.0074
4.23	-.0091	-.0100	-.0091	-.0081	-.0072
4.24	-.0094	-.0100	-.0090	-.0079	-.0070
4.25	-.0096	-.0100	-.0088	-.0077	-.0068
4.26	-.0098	-.0100	-.0087	-.0074	-.0065
4.27	-.0100	-.0100	-.0084	-.0071	-.0062
4.28	-.0101	-.0099	-.0082	-.0069	-.0059
4.29	-.0102	-.0097	-.0079	-.0066	-.0056
4.30	-.0102	-.0096	-.0076	-.0062	-.0053
4.31	-.0102	-.0094	-.0073	-.0059	-.0050
4.32	-.0102	-.0091	-.0069	-.0055	-.0046
4.33	-.0101	-.0089	-.0066	-.0053	-.0043
4.34	-.0100	-.0086	-.0062	-.0048	-.0039
4.35	-.0098	-.0083	-.0058	-.0044	-.0035
4.36	-.0096	-.0079	-.0054	-.0040	-.0034
4.37	-.0094	-.0076	-.0050	-.0036	-.0028
4.38	-.0091	-.0072	-.0046	-.0032	-.0024
4.39	-.0088	-.0068	-.0041	-.0028	-.0020
4.40	-.0085	-.0064	-.0037	-.0024	-.0016
4.41	-.0082	-.0059	-.0033	-.0020	-.0013
4.42	-.0078	-.0055	-.0028	-.0016	-.0009
4.43	-.0074	-.0050	-.0024	-.0012	-.0005
4.44	-.0070	-.0046	-.0019	-.0008	-.0003
4.45	-.0066	-.0041	-.0015	-.0004	.0002
4.46	-.0062	-.0036	-.0011	-.0000	.0005
4.47	-.0057	-.0031	-.0006	-.0004	.0008
4.48	-.0052	-.0027	-.0002	-.0007	.0012
4.49	-.0048	-.0022	-.0002	.0011	.0015
4.50	-.0043	-.0017	.0006	.0014	.0018

$W_7(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
4.50	.0063	.0006	-.0049	-.0086	-.0084
4.51	.0056	.0000	-.0053	-.0087	-.0081
4.52	.0050	-.0006	-.0057	-.0088	-.0078
4.53	.0043	-.0012	-.0061	-.0088	-.0074
4.54	.0037	-.0018	-.0064	-.0088	-.0071
4.55	.0030	-.0023	-.0067	-.0087	-.0067
4.56	.0024	-.0028	-.0070	-.0086	-.0063
4.57	.0017	-.0033	-.0072	-.0085	-.0059
4.58	.0011	-.0038	-.0074	-.0084	-.0054
4.59	.0005	-.0042	-.0076	-.0082	-.0050
4.60	-.0001	-.0047	-.0077	-.0080	-.0045
4.61	-.0007	-.0051	-.0078	-.0078	-.0041
4.62	-.0013	-.0054	-.0079	-.0075	-.0036
4.63	-.0018	-.0057	-.0079	-.0072	-.0031
4.64	-.0024	-.0060	-.0079	-.0069	-.0027
4.65	-.0029	-.0063	-.0079	-.0066	-.0022
4.66	-.0033	-.0065	-.0078	-.0063	-.0018
4.67	-.0038	-.0067	-.0077	-.0059	-.0013
4.68	-.0042	-.0069	-.0076	-.0055	-.0009
4.69	-.0046	-.0070	-.0074	-.0052	-.0004
4.70	-.0050	-.0072	-.0073	-.0048	.0000
4.71	-.0053	-.0072	-.0071	-.0044	.0004
4.72	-.0056	-.0073	-.0068	-.0040	.0008
4.73	-.0059	-.0073	-.0066	-.0036	.0012
4.74	-.0063	-.0073	-.0063	-.0031	.0016
4.75	-.0064	-.0072	-.0061	-.0027	.0020
4.76	-.0066	-.0072	-.0058	-.0023	.0023
4.77	-.0067	-.0071	-.0055	-.0019	.0026
4.78	-.0069	-.0069	-.0051	-.0015	.0030
4.79	-.0070	-.0068	-.0048	-.0011	.0032
4.80	-.0070	-.0056	-.0044	-.0007	.0035
4.81	-.0071	-.0064	-.0041	-.0003	.0038
4.82	-.0071	-.0062	-.0037	-.0001	.0040
4.83	-.0071	-.0060	-.0034	.0005	.0042
4.84	-.0070	-.0057	-.0030	.0008	.0044
4.85	-.0069	-.0055	-.0026	.0012	.0045
4.86	-.0068	-.0058	-.0022	.0015	.0047
4.87	-.0067	-.0049	-.0019	.0018	.0048
4.88	-.0066	-.0046	-.0015	.0022	.0049
4.89	-.0064	-.0043	-.0011	.0024	.0049
4.90	-.0063	-.0040	-.0008	.0027	.0050
4.91	-.0060	-.0036	-.0004	.0030	.0050
4.92	-.0058	-.0033	-.0001	.0032	.0050
4.93	-.0055	-.0029	.0003	.0034	.0050
4.94	-.0053	-.0026	.0006	.0036	.0050
4.95	-.0050	-.0023	.0009	.0038	.0049
4.96	-.0047	-.0019	.0012	.0040	.0049
4.97	-.0044	-.0016	.0015	.0041	.0048
4.98	-.0041	-.0012	.0018	.0042	.0047
4.99	-.0038	-.0009	.0021	.0043	.0046
5.00	-.0034	-.0005	.0023	.0044	.0044

$x \setminus r$	$W_7(x, r)$				
	3.0	4.0	6.0	8.0	10.0
4.50	- .0043	- .0017	.0006	.0014	.0018
4.51	- .0038	- .0012	.0010	.0017	.0020
4.52	- .0033	- .0008	.0013	.0020	.0023
4.53	- .0028	- .0003	.0017	.0023	.0025
4.54	- .0024	.0001	.0020	.0026	.0028
4.55	- .0019	.0005	.0023	.0028	.0030
4.56	- .0014	.0009	.0026	.0031	.0032
4.57	- .0009	.0013	.0029	.0033	.0033
4.58	- .0005	.0017	.0032	.0035	.0035
4.59	.0000	.0021	.0034	.0037	.0036
4.60	.0004	.0025	.0037	.0038	.0038
4.61	.0009	.0028	.0039	.0040	.0039
4.62	.0013	.0031	.0041	.0041	.0039
4.63	.0017	.0034	.0042	.0042	.0040
4.64	.0020	.0037	.0044	.0043	.0041
4.65	.0024	.0039	.0045	.0043	.0041
4.66	.0027	.0041	.0046	.0044	.0041
4.67	.0031	.0043	.0047	.0044	.0041
4.68	.0034	.0045	.0047	.0044	.0041
4.69	.0037	.0047	.0048	.0044	.0041
4.70	.0039	.0048	.0048	.0044	.0040
4.71	.0042	.0049	.0048	.0045	.0040
4.72	.0044	.0050	.0048	.0043	.0039
4.73	.0046	.0051	.0047	.0042	.0038
4.74	.0047	.0051	.0047	.0041	.0037
4.75	.0049	.0052	.0046	.0040	.0036
4.76	.0050	.0052	.0045	.0039	.0034
4.77	.0051	.0052	.0044	.0038	.0033
4.78	.0052	.0051	.0043	.0036	.0032
4.79	.0052	.0051	.0042	.0035	.0030
4.80	.0053	.0050	.0040	.0033	.0028
4.81	.0053	.0049	.0039	.0032	.0027
4.82	.0053	.0048	.0037	.0030	.0024
4.83	.0052	.0047	.0035	.0028	.0023
4.84	.0052	.0045	.0033	.0026	.0021
4.85	.0051	.0044	.0031	.0024	.0019
4.86	.0050	.0042	.0029	.0022	.0017
4.87	.0049	.0040	.0027	.0020	.0016
4.88	.0048	.0038	.0025	.0018	.0014
4.89	.0047	.0036	.0023	.0016	.0012
4.90	.0045	.0034	.0021	.0014	.0010
4.91	.0043	.0032	.0018	.0012	.0008
4.92	.0042	.0030	.0016	.0009	.0006
4.93	.0040	.0027	.0014	.0007	.0004
4.94	.0038	.0025	.0012	.0005	.0002
4.95	.0036	.0023	.0009	.0003	- .0000
4.96	.0033	.0020	.0007	.0001	- .0002
4.97	.0031	.0018	.0005	- .0001	- .0003
4.98	.0029	.0015	.0003	- .0003	- .0005
4.99	.0026	.0013	.0001	- .0004	- .0006
5.00	.0024	.0010	- .0002	- .0006	- .0008

$W_s(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.00	.500000000	3.23960584	6.14918693	9.08352446	11.62306771
.01	.81883451	3.45232548	6.15947046	8.75804164	10.81623854
.02	1.11792207	3.64742237	6.14801868	8.41918620	10.08780376
.03	1.41393841	3.82432384	6.11530088	8.06838700	9.26723393
.04	1.69963000	3.98255748	6.06187499	7.70709592	8.50752834
.05	1.97381912	4.18175173	5.98838323	7.33678103	7.77921115
.06	2.3540845	4.24163563	5.89554786	6.95891980	7.07332794
.07	2.48338507	4.34203808	5.78416308	6.57499236	6.39084264
.08	2.71682399	4.42288655	5.55509569	6.18647486	5.73263477
.09	2.93489110	4.48420543	5.50987343	5.79483297	5.09949713
.10	3.13684553	4.52611372	5.34768219	5.40151557	4.49213387
.11	3.3204154	4.54882850	5.17135941	5.00794858	3.91115898
.12	3.48992984	4.55263177	4.98138800	4.61552905	3.35709513
.13	3.64005829	4.537982703	4.77889007	4.22561951	2.83037297
.14	3.77207220	4.50517548	4.56503068	3.83954252	2.33133082
.15	3.88571400	4.45492179	4.34096154	3.45857561	1.86021476
.16	3.98082250	4.38778370	4.10791467	3.08394646	1.41717906
.17	4.05731514	4.30444724	3.86709616	2.71682844	1.00228715
.18	4.11526831	4.20566175	3.61972995	2.35833646	.61551276
.19	4.15475111	4.09223465	3.36704175	2.00952327	.85674166
.20	4.17598674	3.96502612	3.11025503	1.67137604	-.07422652
.21	4.17926748	3.82494352	2.85057521	1.34481334	-.37767588
.22	4.16496767	3.67293576	2.589020405	1.03068257	-.65397161
.23	4.13353996	3.50998758	2.32731418	.72975768	-.90355707
.24	4.08551124	3.33711377	2.06605398	.44873739	-.112695059
.25	4.02147827	3.15535340	1.80654033	1.7024374	-1.32474192
.26	3.94210307	2.96576400	1.54985452	0.8717892	-1.49758858
.27	3.84810804	2.876941585	1.389703729	-.38906464	-1.54621158
.28	3.74027090	2.65738629	1.049808501	-.55502603	-1.77139185
.29	3.61941949	2.36075420	.80694385	-.76475417	-1.87396529
.30	3.48642639	2.15059449	.57151641	-.95801815	-1.95481853
.31	3.34220344	1.93797285	3.43638582	-.113466416	-8.01488427
.32	3.18769626	1.72394064	1.8409660	-.129461430	-2.05513652
.33	3.02387858	1.50952994	.08638481	-.143786504	-2.07658576
.34	2.85174675	1.29574866	.28714308	-.156448535	-2.08027405
.35	2.67231406	1.08357712	-.47757912	-.167461457	-2.06727010
.36	2.48660530	.87396172	-.65715876	-.176845991	-2.038666434
.37	2.295651285	.66781319	-.82541368	-.184629377	-1.995556399
.38	2.100483335	.46600175	-.98194195	-.190845076	-1.93908817
.39	1.90212848	.26935406	-.112640851	-.195532452	-1.87036305
.40	1.70160385	.07865013	-.125854483	-.198736433	-1.79051713
.41	1.49991815	-.10537948	-.137814866	-.200507151	-1.70067674
.42	1.29803681	-.28205577	-.148508325	-.200899571	-1.60196049
.43	1.09693750	-.45075398	-.157927631	-.199973100	-1.49547698
.44	.89754591	-.61090481	-.166071866	-.197791190	-1.38231840
.45	.70076171	-.76199607	-.178946264	-.194420927	-1.26355758
.46	.50744879	-.90357382	-.178562020	-.189932618	-1.14024381
.47	.31843184	-.103584309	-.182936076	-.184399365	-1.01339984
.48	.13449314	-.115666837	-.186090884	-.177896646	-.88401534
.49	-.04363034	-.126757375	-.188054148	-.170501888	-.75304969
.50	-.21524950	-.136774277	-.188858543	-.162294046	-.62142297
.51	-.37972536	-.145701794	-.188541423	-.153353183	-.49001619
.52	-.53647105	-.153530003	-.187144504	-.143760055	-.35966815
.53	-.68495343	-.160854598	-.184713540	-.133595710	-.23117323
.54	-.82469439	-.165877286	-.181297988	-.1228941087	-.10527937
.55	-.95527190	-.170404530	-.176950654	-.111876633	.01731366
.56	-.107632067	-.173848572	-.171727345	-.100481928	.15595575
.57	-.118753852	-.176226529	-.1656866503	-.888353532	.25004756
.58	-.1288656560	-.1775650378	-.15888841	-.77013637	.35904154
.59	-.137949863	-.177876688	-.151396978	-.65091744	.46244854
.60	-.1459982144	-.177206370	-.143275071	-.53142356	.55980826
.61	-.152984314	-.175584397	-.134588451	-.41235687	.65074934
.62	-.158923662	-.173049524	-.125403264	-.289439200	.73498931
.63	-.163812812	-.169643985	-.115786113	-.17817356	.81206421
.64	-.167659572	-.165413187	-.105803711	-.064313387	.881928205
.65	-.170476753	-.160405390	-.95582544	-.04660900	.94438194
.66	-.172281977	-.154671392	-.85006541	-.15405318	.99915316
.67	-.173097453	-.148264191	-.74326755	-.25751419	.104627382
.68	-.172949749	-.141238665	-.63541062	-.35652692	.108570955
.69	-.171869535	-.133651835	-.52713871	-.45066615	.111745180
.70	-.169891328	-.125559540	-.41905847	-.53954767	.114155613
.71	-.167053178	-.1170232104	-.31175657	-.62282895	.115812085
.72	-.163396443	-.108096018	-.20579726	-.70020949	.116728195
.73	-.158965429	-.98846582	-.10172015	-.77143105	.116921690
.74	-.153807111	-.89327190	-.00003819	-.83627760	.116413633
.75	-.147970820	-.79598637	-.09876420	-.89457513	.115228461

$W_8(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
.00	1255736835	1220312500	1104821935	1003760172	922989792
.01	1132594135	1084289330	967319273	872442159	798744298
.02	10159822417	957058429	840220501	751746276	684929149
.03	905621655	838340467	723065106	641144680	580994006
.04	801584348	727854520	615400459	540122555	486404267
.05	703695684	625318334	516781954	448178098	400640939
.06	611833732	530448612	426773163	364822516	323200526
.07	525869668	448961330	344945987	289580022	253594918
.08	45668027	362572048	27080831	221987845	191351286
.09	371086979	288996261	204166768	151596234	136011979
.10	301978643	221949742	144401719	107968477	87134426
.11	238189416	161148913	91192628	60680909	44291042
.12	179560327	106311217	441556464	19322926	07069129
.13	125927423	57155504	02916308	-16503000	-24929222
.14	77122160	13402420	32890287	-47181318	-52067234
.15	32971825	-25225196	-63619309	-73083389	-74773537
.16	-0.6700027	-5901916	-89616018	-94567486	-93342285
.17	-42073133	-88199322	-111215606	-11197802	-108133263
.18	-73330048	-113085604	-128743042	-125649464	-119478008
.19	-100655682	-133925170	-142512926	-135898559	-127669935
.20	-124236817	-150978251	-152892352	-143032161	-133024468
.21	-144261619	-164500519	-159985786	-147343379	-135819186
.22	-160919151	-174742709	-164264955	-149112414	-136323975
.23	-174398879	-181950254	-165938753	-148506621	-134795188
.24	-184890182	-186362930	-165268156	-146080595	-131475823
.25	-192581862	-188214519	-162503162	-141776262	-126595702
.26	-197661666	-187732480	-157882740	-135922993	-120371674
.27	-200315802	-185137644	-151634802	-128737723	-11307816
.28	-200728482	-180643923	-143976193	-120425095	-104695661
.29	-199081456	-174458037	-135112697	-11177609	-95614427
.30	-195553579	-166779268	-125239065	-101175801	-85931263
.31	-190320376	-157799227	-114539067	-90588420	-75801506
.32	-183553635	-147701652	-103185552	-79572637	-65368954
.33	-1754221013	-136662225	-91340542	-68274261	-54766148
.34	-166085665	-124848410	-79155342	-56827970	-44114661
.35	-155705887	-112419325	-66770663	-45357562	-33525412
.36	-144434794	-99525632	-54316775	-33976219	-23098975
.37	-132420007	-86309453	-41913676	-28786779	-12925911
.38	-119803378	-72904314	-29671276	-11882035	-03087100
.39	-106720727	-59435117	-17689610	-01345034	-06345905
.40	-93301622	-46018131	-86059060	-8750605	15310533
.41	-79669167	-38761015	-05139403	-18340363	23752824
.42	-65939833	-19762865	-15833958	-27368479	31627065
.43	-52223308	-07114282	-259616556	-35787604	38895411
.44	-38622376	-05102527	-35468133	-43558440	45527507
.45	-25232628	16813638	44307302	50649377	51500101
.46	-12143395	27953257	52441035	57036117	56796655
.47	30564285	384633563	59838835	62701297	61406958
.48	12815688	48294519	66477492	67634103	65326730
.49	24543350	57403665	78340738	71829885	68557232
.50	35686886	65755894	77418879	752869767	71104874
.51	46192862	73323205	81708439	78020254	72980825
.52	56014726	80084448	85811780	80032839	74200626
.53	65112689	86025040	87936732	81343619	74783808
.54	73453583	91136682	89896210	81972899	74753514
.55	81010693	95417052	91107833	81944811	74136123
.56	87763581	98869492	91593543	81286934	72960891
.57	93597879	101502680	91379224	80029915	71259585
.58	98805069	103330303	90494322	78207101	69066140
.59	103082243	104370714	88971469	75854182	66416316
.60	106531855	104646587	86846113	73008831	63347369
.61	109161450	104184566	84156152	69710367	59897732
.62	110983387	103014917	80941574	65999418	56106708
.63	112014548	101171174	77844107	61917599	58014177
.64	112276039	98689785	73106879	57507206	47660309
.65	111792883	95609765	68574083	52810912	43085305
.66	110593709	919728345	53690659	47871491	38329133
.67	108710428	87820634	58501984	42731542	33431295
.68	106177919	83199279	53053577	37433235	28430601
.69	103033704	78154134	47390813	32018071	23364956
.70	99317621	72731946	41558660	26526659	18271171
.71	95071511	66980034	35601419	20998503	13184781
.72	90338891	60945995	29562489	15471809	08139881
.73	85164645	54677408	23484146	09983311	03168981
.74	79594710	48221561	17407329	04568107	01697124
.75	73675779	41625185	11371458	-00740486	-06429476

$W_8(x, r)$

$x \cdot r$	1	1.1	1.25	1.5	2.0
.75	-1.47970820	-.79598637	.09876420	.89457513	1.15228461
.76	-1.41507925	-.69719820	.19423278	.94619118	1.13393677
.77	-1.34471514	-.59746261	.28594493	.99103422	1.10939589
.78	-1.26916078	-.49735880	.37351089	1.02905280	1.07899050
.79	-1.18897194	-.39742737	.45657484	1.06023460	1.04307188
.80	-1.10471210	-.29819796	.53481571	1.08460520	1.00201138
.81	-1.01694926	-.20018098	.60794784	1.102282679	.95619774
.82	-9.86255337	-.10386553	.67572141	1.11319667	.90603428
.83	-8.33192445	-.00971747	.73792271	1.11764565	.85193633
.84	-7.38333061	.08182232	.79437414	1.11573632	.79432844
.85	-6.4222484	1.7033955	.84493415	1.10766116	.73364183
.86	-5.4542243	2.5544783	.86945687	1.09364064	.67031178
.87	-4.4845839	3.3678997	.92799161	1.07392117	.60477510
.88	-3.35185310	4.1403897	.96038226	1.04877299	.53746770
.89	-2.5610995	4.8689883	.98666641	1.01848799	.46882223
.90	-1.6171331	5.5510527	1.00687441	.98337751	.39926582
.91	-0.6912649	6.1842618	1.02106826	.94377008	.32981789
.92	-0.62121002	6.766619	1.028934034	.90000916	.25908811
.93	-1.0888084	7.28964541	1.03181209	.85245083	.18927446
.94	-1.9349411	7.7724214	1.02863245	.80146152	.12016140
.95	2.74668882	.81934990	1.01997638	.74741576	.052211821
.96	3.5212993	.85589844	1.00604310	.69069390	-.01450260
.97	4.25551229	.88684891	.98705441	.63167992	-.67936669
.98	4.9456082	9.1219316	.96325280	.57075926	-.14215914
.99	5.5903109	9.3195297	.93489965	.50831672	-.20258564
1.00	6.1870973	9.4617904	.90227326	.44473442	-.26037343
1.01	6.7341469	9.5494995	.86566689	.38038980	-.31527217
1.02	7.2299526	9.5837093	.82538684	.31565379	-.36705461
1.03	7.6733206	9.5657258	.78175038	.25088895	-.41551780
1.04	8.0633669	9.4970947	.73508383	.18644781	-.46048042
1.05	8.3995141	9.3795864	.68572053	.12267126	-.50178912
1.06	8.6814850	9.2151807	.53399890	.05988707	-.53931263
1.07	8.9092965	9.0065050	.58026050	-.00159153	-.57294472
1.08	9.0832505	.87545437	.52484814	-.06146707	-.60260353
1.09	9.2039249	.84631689	.46810400	-.11945900	-.62823185
1.10	9.2721627	.81345748	.41036787	-.17530469	-.64979377
1.11	9.2890600	.77715337	.35197540	-.88276037	-.66728017
1.12	9.2559534	.73769231	.29325646	-.27960185	-.68070815
1.13	9.1744063	.69537081	.23453351	-.38762520	-.69009324
1.14	9.0461941	.65049228	.17612015	-.37264728	-.69550808
1.15	8.8732894	.60336526	.11831966	-.41450609	-.69702146
1.16	8.6578458	.55430167	.06142373	-.45306107	-.69472740
1.17	8.4021818	.50361507	.00571119	-.48819325	-.68873803
1.18	8.1087638	.45161891	-.04855306	-.51980530	-.67918254
1.19	7.7801893	.39862498	-.10111915	-.54782140	-.66620594
1.20	7.4191695	.34494172	-.15175302	-.57218707	-.64996788
1.21	7.02851	.290873	-.200237	-.598869	-.630641
1.22	6.61110	.2356715	-.246372	-.609854	-.608411
1.23	6.16989	.182759	-.289975	-.623150	-.583474
1.24	5.70786	.129285	-.330883	-.632783	-.556034
1.25	5.22805	.076562	.368952	-.638800	-.526304
1.26	4.733347	.0284851	.404054	-.641264	-.494504
1.27	4.22715	.025603	.436084	-.640255	-.460860
1.28	3.71210	.074566	.464954	-.635872	-.425600
1.29	3.19129	.121820	.490596	-.682228	-.388955
1.30	2.66762	-.167161	.512960	-.617449	-.351158
1.31	2.14395	.210400	.532016	-.603675	-.312442
1.32	1.62305	.251366	.547752	-.587059	-.273038
1.33	1.10761	.289903	.560173	-.567756	-.233175
1.34	.060020	.3258673	.569303	-.545967	-.193078
1.35	.010329	-.359156	.575180	-.521846	-.152968
1.36	-.038078	.389649	.577863	-.495592	-.113059
1.37	-.084979	.417265	.5777421	-.467400	-.073559
1.38	-.130168	.441936	.573940	-.437478	-.034669
1.39	-.173452	.463611	.567522	-.406012	-.003421
1.40	-.214653	.482257	.558277	-.373287	.040827
1.41	-.253611	.497857	.546332	-.339326	.076479
1.42	-.290180	.510411	.531820	-.304519	.111114
1.43	-.324233	.519934	.514888	-.269013	.144283
1.44	-.355656	.526459	.495690	-.233015	.175847
1.45	-.384356	.530031	.474387	-.196728	.205680
1.46	-.410254	.530711	.451149	-.160352	.233670
1.47	-.433290	.528574	.426150	-.124082	.259714
1.48	-.453418	.523706	.399568	-.088107	.283787
1.49	-.470613	.516208	.371587	-.052607	.305633
1.50	-.484860	-.506190	.342390	-.017759	.325373

$W_6(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
.75	.73675779	.41625185	.11371458	-.00740486	-.06429476
.76	.67455001	.34934202	.05414254	-.05911058	-.11001048
.77	.50979699	.28193488	-.00428412	-.10914220	-.15386831
.78	.54297091	.21446656	-.06122670	-.15722698	-.19563907
.79	.47454028	.14735847	-.11636761	-.20311415	-.235111500
.80	.40496738	.08101542	-.16941151	-.24657554	-.27211018
.81	.33470589	.01582388	-.22008621	-.28740607	-.30646081
.82	.26419860	-.04784954	-.26814339	-.32542410	-.33802534
.83	.19387528	-.10965961	-.31335916	-.36047163	-.36668446
.84	.12415072	-.16928353	-.35535451	-.39241433	-.39234095
.85	.05542287	-.22642213	-.39449554	-.42114149	-.41491952
.86	-.0192879	-.28080070	-.43009358	-.44656579	-.43435634
.87	-.07754485	-.33216973	-.46220516	-.46862898	-.45064867
.88	-.14108720	-.38030547	-.49073186	-.48727143	-.46375422
.89	-.20224033	-.42501033	-.51559995	-.50249156	-.47369056
.90	-.26071232	-.46611311	-.53676002	-.51428519	-.48048430
.91	-.31623568	-.50346912	-.55418639	-.52267479	-.48418033
.92	-.36856812	-.53696008	-.56787645	-.58770262	-.48484086
.93	-.41749302	-.56649396	-.57784994	-.52942981	-.48254458
.94	-.46281989	-.59800461	-.58414801	-.52793537	-.47738528
.95	-.50438455	-.61345130	-.58683234	-.52331511	-.46947141
.96	-.54204923	-.63081813	-.58598405	-.51568056	-.45892439
.97	-.57570251	-.64411334	-.58170264	-.50515775	-.44587771
.98	-.60525913	-.65336845	-.57410478	-.49188605	-.43047578
.99	-.63065962	-.65863737	-.56332312	-.47601689	-.41287245
1.00	-.65186984	-.65999538	-.54950499	-.45771256	-.39323040
1.01	-.66888043	-.65753805	-.53881112	-.43714482	-.37171929
1.02	-.68170602	-.65138005	-.51341427	-.41449373	-.34851489
1.03	-.69038451	-.64165393	-.49149786	-.38994625	-.32379780
1.04	-.69497609	-.62850881	-.46725463	-.36369503	-.29775224
1.05	-.69556224	-.61210903	-.44088523	-.33593706	-.27056491
1.06	-.69224466	-.59263278	-.41289681	-.30687248	-.24242381
1.07	-.68514411	-.57027070	-.38260172	-.27670327	-.21351713
1.08	-.67439911	-.54522438	-.35111606	-.24563210	-.18403219
1.09	-.66016474	-.51770495	-.31835842	-.21386112	-.15415436
1.10	-.64261122	-.48793162	-.28454852	-.18159084	-.12406610
1.11	-.62192254	-.45613018	-.24990594	-.14901904	-.09394598
1.12	-.59829508	-.42853158	-.21464894	-.11633975	-.06396778
1.13	-.57193613	-.38737049	-.17899320	-.08374221	-.03429969
1.14	-.54306243	-.35088387	-.14315073	-.05141002	-.00510347
1.15	-.51189873	-.31330958	-.10732878	-.01952020	-.02346624
1.16	-.47867629	-.27488508	-.07172681	-.01175755	-.05126262
1.17	-.44363146	-.23584608	-.03654552	-.04226166	-.07814722
1.18	-.40700420	-.19642529	-.00196601	-.07183931	-.10399054
1.19	-.36903669	-.15685126	-.03183111	-.10034702	-.12867246
1.20	-.32997193	-.11734718	.06467643	1.2765126	1.52082668
1.21	-.2900502	-.078130	.096410	1.53629	1.74121
1.22	-.249519	-.039409	.126884	1.78167	1.94698
1.23	-.208608	-.001384	.155959	2.01165	2.13734
1.24	-.167554	-.035751	.183510	2.22533	2.31160
1.25	-.126585	.071816	.209421	2.42191	2.46921
1.26	-.085920	.106639	.233590	2.60073	2.60967
1.27	-.045775	.140061	.255927	2.76124	2.73264
1.28	-.006354	.171934	.276354	2.90300	2.83787
1.29	.032148	.202124	.294806	3.02570	2.92521
1.30	.069544	.230506	.311231	.312911	.299461
1.31	.105661	.256973	.325589	.381316	.304613
1.32	.140336	.281429	.337853	.387785	.307992
1.33	.173417	.303790	.348007	.332330	.309624
1.34	.204767	.323989	.356048	.334975	.309542
1.35	.234260	.341969	.361985	.335750	.307789
1.36	.261785	.357690	.365838	.334699	.304415
1.37	.287244	.371122	.367637	.331872	.2994479
1.38	.310552	.382251	.367423	.3287327	.293045
1.39	.331639	.391075	.365248	.321132	.285185
1.40	.350447	.397603	.361171	.313360	.275977
1.41	.366935	.401858	.355262	.304094	.265504
1.42	.381072	.403875	.347598	.293419	.253853
1.43	.392843	.403699	.338264	.281429	.241117
1.44	.402244	.401385	.327351	.268219	.227392
1.45	.409287	.397000	.314958	.253893	.212775
1.46	.413992	.390619	.301188	.238554	.197367
1.47	.416396	.382327	.286148	.222309	.181271
1.48	.416543	.372216	.269953	.205269	.164590
1.49	.414491	.360386	.252716	.187545	.147429
1.50	.410305	.346943	.234557	.169250	.129892

$W_8(x, r)$

X \ T	1	1.1	1.25	1.5	2.0
1.50	- .4848	- .5061	- .5423	- .0177	.3253
1.51	- .4952	- .4930	- .3118	.0162	.3424
1.52	- .5036	- .4783	- .2807	.0493	.3576
1.53	- .5091	- .4615	- .2491	.0811	.3706
1.54	- .5110	- .4428	- .2169	.1117	.3813
1.55	- .5117	- .4222	- .1845	.1409	.3897
1.56	- .5089	- .3999	- .1520	.1686	.3959
1.57	- .5035	- .3761	- .1195	.1947	.3998
1.58	- .4955	- .3510	- .0873	.2191	.4015
1.59	- .4852	- .3247	- .0555	.2417	.4011
1.60	- .4726	- .2974	- .0242	.2626	.3985
1.61	- .4579	- .2693	- .0064	.2813	.3940
1.62	- .4411	- .2405	.0361	.2983	.3875
1.63	- .4225	- .2112	.0649	.3130	.3792
1.64	- .4021	- .1615	.0925	.3258	.3690
1.65	- .3802	- .1518	.1189	.3365	.3572
1.66	- .3567	- .1220	.1439	.3451	.3438
1.67	- .3381	- .0924	.1674	.3516	.3289
1.68	- .3063	- .0631	.1894	.3561	.3126
1.69	- .2879	- .0343	.2100	.3587	.2953
1.70	- .2524	- .0051	.2289	.3595	.2769
1.71	- .2245	.0214	.2461	.3583	.2575
1.72	- .1951	.0481	.2615	.3552	.2372
1.73	- .1675	.0738	.2752	.3504	.2163
1.74	- .1387	.0984	.2870	.3432	.1948
1.75	- .1100	.1219	.2970	.3358	.1728
1.76	- .0815	.1440	.3052	.3261	.1505
1.77	- .0533	.1649	.3116	.3149	.1280
1.78	- .0256	.1843	.3168	.3024	.1054
1.79	.0014	.2022	.3190	.2887	.0828
1.80	.0278	.2185	.3200	.2738	.0604
1.81	.0533	.2333	.3194	.2578	.0383
1.82	.0778	.2465	.3170	.2410	.0166
1.83	.1013	.2580	.3131	.2333	.0047
1.84	.1236	.2678	.3077	.2049	.0253
1.85	.1447	.2760	.3007	.1860	.0453
1.86	.1644	.2825	.2924	.1666	.0645
1.87	.1828	.2874	.2826	.1468	.0829
1.88	.1996	.2906	.2719	.1268	.1004
1.89	.2150	.2922	.2600	.1066	.1169
1.90	.2289	.2922	.2469	.0865	.1323
1.91	.2411	.2907	.2330	.0664	.1466
1.92	.2518	.2877	.2181	.0465	.1598
1.93	.2609	.2833	.2026	.0269	.1718
1.94	.2683	.2775	.1864	.0077	.1826
1.95	.2742	.2704	.1696	.0111	.1921
1.96	.2784	.2621	.1524	.0293	.2004
1.97	.2811	.2526	.1349	.0468	.2074
1.98	.2822	.2421	.1171	.0637	.2132
1.99	.2818	.2305	.0992	.0797	.2177
2.00	.2800	.2181	.0813	.0949	.2209
2.01	.2767	.2049	.0634	.1092	.2229
2.02	.2720	.1909	.0456	.1226	.2257
2.03	.2661	.1763	.0281	.1349	.2233
2.04	.2589	.1612	.0110	.1462	.2217
2.05	.2506	.1456	.0058	.1565	.2190
2.06	.2411	.1297	.0221	.1656	.2153
2.07	.2307	.1136	.0378	.1736	.2105
2.08	.2193	.0973	.0530	.1805	.2048
2.09	.2071	.0809	.0674	.1863	.1981
2.10	.1941	.0645	.0811	.1910	.1906
2.11	.1804	.0482	.0940	.1945	.1823
2.12	.1662	.0322	.1060	.1969	.1738
2.13	.1515	.0163	.1178	.1982	.1635
2.14	.1364	.0009	.1275	.1985	.1538
2.15	.1209	.0142	.1368	.1977	.1424
2.16	.1053	.0288	.1451	.1959	.1311
2.17	.0895	.0428	.1525	.1931	.1195
2.18	.0737	.0563	.1589	.1893	.1075
2.19	.0579	.0691	.1642	.1847	.0953
2.20	.0422	.0811	.1686	.1793	.0829
2.21	.0268	.0925	.1720	.1730	.0704
2.22	.0116	.1030	.1743	.1660	.0579
2.23	.0032	.1127	.1757	.1583	.0455
2.24	.0177	.1216	.1761	.1501	.0331
2.25	-.0316	-.1295	-.1756	-.1412	-.0209

$W_8(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
1.50	4103	3469	2345	1692	1298
1.51	4034	3314	2151	1501	1117
1.52	3952	3151	1955	1310	0938
1.53	3851	2975	1753	1117	0757
1.54	3732	2768	1547	0922	0577
1.55	3597	2591	1337	0728	0399
1.56	3446	2385	1126	0534	0222
1.57	3281	2172	0914	0342	0049
1.58	3103	1952	0702	0153	0121
1.59	2913	1726	0492	0033	0286
1.60	2713	1500	0284	-0.213	-0.445
1.61	2503	1270	0080	-0.389	-0.599
1.62	2286	1039	-0.119	-0.557	-0.745
1.63	2062	0809	-0.313	-0.719	-0.884
1.64	1833	0580	-0.501	-0.874	-1.015
1.65	1600	0354	-0.681	-1.019	-1.138
1.66	1365	0132	-0.853	-1.156	-1.251
1.67	1129	-0.855	-1.016	-1.282	-1.354
1.68	0893	-0.296	-1.169	-1.399	-1.448
1.69	0658	-0.501	-1.313	-1.507	-1.533
1.70	0426	-0.698	-1.447	-1.604	-1.607
1.71	0168	-1.065	-1.570	-1.690	-1.726
1.72	-0.025	-1.234	-1.682	-1.765	-1.770
1.73	-0.243	-1.782	-1.829	-1.882	-1.803
1.74	-0.454	-1.392	-1.870		
1.75	-0.657	-1.538	-1.947	-1.924	-1.827
1.76	-0.851	-1.673	-2.011	-1.955	-1.840
1.77	-1.036	-1.796	-2.063	-1.975	-1.843
1.78	-1.211	-1.907	-2.103	-1.984	-1.837
1.79	-1.375	-2.004	-2.132	-1.983	-1.821
1.80	-1.528	-2.089	-2.148	-1.971	-1.796
1.81	-1.668	-2.161	-2.153	-1.950	-1.763
1.82	-1.796	-2.219	-2.147	-1.919	-1.721
1.83	-1.912	-2.265	-2.189	-1.879	-1.672
1.84	-2.015	-2.297	-2.101	-1.829	-1.614
1.85	-2.104	-2.317	-2.063	-1.773	-1.551
1.86	-2.181	-2.325	-2.015	-1.707	-1.480
1.87	-2.243	-2.320	-1.958	-1.635	-1.404
1.88	-2.293	-2.303	-1.892	-1.556	-1.322
1.89	-2.329	-2.274	-1.818	-1.471	-1.236
1.90	-2.353	-2.235	-1.737	-1.381	-1.145
1.91	-2.363	-2.185	-1.648	-1.286	-1.051
1.92	-2.361	-2.124	-1.553	-1.186	-0.954
1.93	-2.347	-2.055	-1.453	-1.083	-0.854
1.94	-2.320	-1.976	-1.348	-0.977	-0.752
1.95	-2.283	-1.890	-1.238	-0.869	-0.650
1.96	-2.234	-1.795	-1.125	-0.759	-0.546
1.97	-2.176	-1.694	-1.009	-0.648	-0.442
1.98	-2.107	-1.587	-0.891	-0.537	-0.339
1.99	-2.029	-1.474	-0.771	-0.425	-0.237
2.00	-1.943	-1.357	-0.651	-0.314	-0.136
2.01	-1.849	-1.236	-0.530	-0.205	-0.037
2.02	-1.748	-1.111	-0.410	-0.097	-0.060
2.03	-1.640	-0.984	-0.290	0.008	0.154
2.04	-1.527	-0.855	-0.172	0.111	0.245
2.05	-1.409	-0.725	-0.057	0.210	0.332
2.06	-1.286	-0.595	0.056	0.306	0.415
2.07	-1.160	-0.465	0.166	0.397	0.493
2.08	-1.032	-0.337	0.271	0.485	0.567
2.09	-0.901	-0.209	0.373	0.567	0.636
2.10	-0.769	-0.085	0.470	0.644	0.701
2.11	-0.637	0.037	0.568	0.716	0.759
2.12	-0.505	0.156	0.649	0.782	0.813
2.13	-0.374	0.271	0.730	0.843	0.860
2.14	-0.245	0.381	0.805	0.897	0.902
2.15	-0.117	0.486	0.874	0.945	0.938
2.16	0.007	0.586	0.936	0.988	0.969
2.17	0.129	0.680	0.998	1.024	0.993
2.18	0.246	0.768	1.042	1.053	1.012
2.19	0.359	0.850	1.084	1.077	1.025
2.20	0.467	0.925	1.120	1.094	1.033
2.21	0.569	0.994	1.149	1.105	1.034
2.22	0.666	1.055	1.172	1.110	1.031
2.23	0.757	1.109	1.188	1.109	1.022
2.24	0.842	1.156	1.197	1.103	1.008
2.25	0.919	1.196	1.199	1.091	0.989

$W_8(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
2.25	- .0316	- 1.295	- 1.756	- 1.412	- .0209
2.26	- .0450	- 1.366	- 1.742	- 1.318	- .0089
2.27	- .0578	- 1.428	- 1.719	- 1.221	.0028
2.28	- .0700	- 1.481	- 1.688	- 1.119	.0142
2.29	- .0814	- 1.524	- 1.649	- 1.014	.0232
2.30	- .0921	- 1.558	- 1.602	- 0.907	.0358
2.31	- 1.021	- 1.584	- 1.548	- 0.798	.0459
2.32	- 1.112	- 1.600	- 1.487	- 0.687	.0555
2.33	- 1.195	- 1.607	- 1.420	- 0.576	.0646
2.34	- 1.269	- 1.605	- 1.347	- 0.465	.0730
2.35	- 1.335	- 1.595	- 1.270	- 0.355	.0808
2.36	- 1.391	- 1.577	- 1.187	- 0.246	.0879
2.37	- 1.439	- 1.551	- 1.101	- 0.138	.0945
2.38	- 1.479	- 1.518	- 1.012	- 0.033	.1004
2.39	- 1.509	- 1.478	- 0.919	0.070	.1056
2.40	- 1.531	- 1.431	- 0.825	0.169	.1101
2.41	- 1.545	- 1.379	- 0.720	0.265	.1139
2.42	- 1.549	- 1.320	- 0.631	0.357	.1170
2.43	- 1.546	- 1.256	- 0.532	0.445	.1194
2.44	- 1.535	- 1.187	- 0.434	0.528	.1211
2.45	- 1.515	- 1.114	- 0.336	0.606	.1222
2.46	- 1.489	- 1.036	- 0.238	0.678	.1225
2.47	- 1.455	- 0.956	- 0.143	0.745	.1223
2.48	- 1.415	- 0.873	- 0.049	0.807	.1214
2.49	- 1.368	- 0.787	- 0.043	0.862	.1198
2.50	- 1.315	- 0.699	0.132	0.912	.1177
2.51	- 1.257	- 0.611	0.018	0.955	.1151
2.52	- 1.194	- 0.521	0.000	0.992	.1119
2.53	- 1.126	- 0.431	0.379	1.025	.1082
2.54	- 1.054	- 0.341	0.453	1.048	.1040
2.55	- 0.979	- 0.252	0.524	1.067	.0994
2.56	- 0.900	- 0.164	0.589	1.079	.0944
2.57	- 0.819	- 0.078	0.650	1.086	.0891
2.58	- 0.736	- 0.007	0.705	1.086	.0834
2.59	- 0.651	- 0.089	0.756	1.081	.0774
2.60	- 0.565	0.169	0.801	1.071	.0712
2.61	- 0.478	0.245	0.840	1.055	.0648
2.62	- 0.392	0.318	0.874	1.034	.0583
2.63	- 0.305	0.388	0.903	1.008	.0516
2.64	- 0.219	0.454	0.986	0.977	.0448
2.65	- 0.135	0.515	0.944	0.943	.0379
2.66	- 0.052	0.572	0.956	0.904	.0311
2.67	- 0.029	0.625	0.963	0.861	.0243
2.68	- 0.108	0.673	0.964	0.816	.0175
2.69	- 0.184	0.716	0.961	0.767	.0108
2.70	0.257	0.754	0.953	0.715	- .0043
2.71	0.327	0.787	0.939	0.661	- .0021
2.72	0.393	0.815	0.922	0.605	- .0084
2.73	0.455	0.838	0.899	0.548	- .0144
2.74	0.513	0.856	0.873	0.489	- .0201
2.75	0.567	0.869	0.843	0.429	- .0256
2.76	0.616	0.877	0.809	0.368	- .0308
2.77	0.661	0.881	0.772	0.308	- .0358
2.78	0.701	0.879	0.732	0.247	- .0404
2.79	0.737	0.873	0.689	0.186	- .0446
2.80	0.767	0.863	0.644	0.127	- .0485
2.81	0.793	0.848	0.597	0.068	- .0521
2.82	0.814	0.830	0.547	0.010	- .0552
2.83	0.830	0.807	0.496	0.046	- .0581
2.84	0.841	0.781	0.444	0.100	- .0605
2.85	0.848	0.751	0.391	0.152	- .0625
2.86	0.850	0.719	0.338	0.202	- .0642
2.87	0.847	0.683	0.284	0.250	- .0654
2.88	0.840	0.645	0.230	0.295	- .0663
2.89	0.829	0.604	0.176	0.338	- .0669
2.90	0.814	0.562	0.123	0.377	- .0670
2.91	0.795	0.517	0.070	0.413	- .0668
2.92	0.772	0.471	0.019	0.446	- .0663
2.93	0.746	0.424	0.031	0.476	- .0654
2.94	0.717	0.376	0.080	0.503	- .0642
2.95	0.684	0.327	0.126	0.526	- .0627
2.96	0.649	0.278	0.171	0.546	- .0609
2.97	0.612	0.229	0.214	0.563	- .0589
2.98	0.572	0.180	0.255	0.576	- .0566
2.99	0.530	0.131	0.293	0.585	- .0540
3.00	0.487	0.083	0.328	0.592	- .0512

$W_8(x, r)$

$X \setminus r$	3.0	4.0	6.0	8.0	10.0
225	.0919	.1196	.1199	.1091	.0989
226	.0990	.1228	.1196	.1073	.0966
227	.1054	.1253	.1186	.1051	.0938
228	.1111	.1271	.1170	.1023	.0906
229	.1160	.1282	.1149	.0991	.0870
230	.1202	.1286	.1182	.0955	.0831
231	.1237	.1283	.1090	.0915	.0788
232	.1264	.1274	.1054	.0871	.0743
233	.1284	.1258	.1013	.0824	.0695
234	.1296	.1235	.0967	.0773	.0644
235	.1301	.1207	.0918	.0720	.0592
236	.1299	.1173	.0865	.0665	.0537
237	.1290	.1135	.0809	.0608	.0482
238	.1276	.1091	.0751	.0549	.0426
239	.1255	.1043	.0690	.0489	.0369
240	.1226	.0991	.0628	.0428	.0311
241	.1195	.0935	.0564	.0366	.0254
242	.1157	.0876	.0498	.0305	.0196
243	.1114	.0814	.0432	.0243	.0140
244	.1067	.0749	.0365	.0182	.0084
245	.1015	.0682	.0299	.0121	.0029
246	.0959	.0614	.0232	.0062	.0025
247	.0900	.0544	.0166	.0003	.0077
248	.0837	.0473	.0101	.0005	.0127
249	.0772	.0401	.0038	.0108	.0175
250	.0705	.0330	-.0025	-.0161	-.0821
251	.0636	.0258	-.0085	-.0212	-.0264
252	.0565	.0187	-.0143	-.0260	-.0305
253	.0493	.0117	-.0199	-.0305	-.0343
254	.0421	.0049	-.0253	-.0348	-.0379
255	.0348	-.0018	-.0303	-.0387	-.0411
256	.0276	-.0083	-.0351	-.0424	-.0441
257	.0204	-.0146	-.0396	-.0457	-.0467
258	.0133	-.0207	-.0437	-.0487	-.0490
259	.0063	-.0264	-.0475	-.0514	-.0510
260	-.0005	-.0319	-.0509	-.0537	-.0527
261	-.0072	-.0371	-.0540	-.0557	-.0541
262	-.0136	-.0419	-.0567	-.0573	-.0551
263	-.0198	-.0464	-.0590	-.0586	-.0558
264	-.0257	-.0505	-.0610	-.0596	-.0562
265	-.0313	-.0542	-.0626	-.0602	-.0563
266	-.0366	-.0575	-.0638	-.0605	-.0561
267	-.0415	-.0605	-.0647	-.0604	-.0557
268	-.0461	-.0631	-.0658	-.0601	-.0549
269	-.0504	-.0652	-.0653	-.0594	-.0539
270	-.0542	-.0670	-.0651	-.0584	-.0526
271	-.0577	-.0683	-.0646	-.0572	-.0511
272	-.0607	-.0693	-.0637	-.0557	-.0493
273	-.0634	-.0699	-.0625	-.0540	-.0474
274	-.0657	-.0701	-.0611	-.0520	-.0452
275	-.0675	-.0699	-.0593	-.0498	-.0429
276	-.0690	-.0694	-.0573	-.0474	-.0404
277	-.0701	-.0685	-.0550	-.0448	-.0378
278	-.0707	-.0678	-.0526	-.0420	-.0350
279	-.0710	-.0657	-.0499	-.0391	-.0322
280	-.0709	-.0638	-.0470	-.0361	-.0292
281	-.0704	-.0617	-.0439	-.0330	-.0262
282	-.0696	-.0593	-.0407	-.0298	-.0231
283	-.0684	-.0567	-.0374	-.0265	-.0200
284	-.0669	-.0538	-.0340	-.0231	-.0168
285	-.0651	-.0507	-.0305	-.0198	-.0137
286	-.0630	-.0475	-.0269	-.0164	-.0105
287	-.0606	-.0441	-.0233	-.0130	-.0074
288	-.0579	-.0405	-.0196	-.0097	-.0044
289	-.0551	-.0369	-.0160	-.0064	-.0014
290	-.0520	-.0331	-.0124	-.0031	.0015
291	-.0487	-.0293	-.0088	-.0001	.0044
292	-.0453	-.0254	-.0052	-.0031	.0071
293	-.0417	-.0215	-.0017	-.0061	.0097
294	-.0380	-.0175	-.0017	-.0090	.0182
295	-.0342	-.0136	.0049	.0118	.0146
296	-.0304	-.0098	.0081	.0144	.0168
297	-.0264	-.0060	.0112	.0168	.0189
298	-.0225	-.0022	.0141	.0192	.0208
299	-.0185	.0014	.0168	.0213	.0225
3.00	-.0145	.0050	.0194	.0233	.0241

$W_8(x, r)$

$x \setminus T$	1	1.1	1.25	1.5	2.0
3.00	.0487	.0083	.0328	.0592	.0512
3.01	.0442	.0035	.0361	.0595	.0483
3.02	.0396	.0011	.0391	.0595	.0452
3.03	.0350	.0056	.0418	.0592	.0419
3.04	.0303	.0099	.0442	.0585	.0385
3.05	.0255	.0141	.0464	.0576	.0349
3.06	.0207	.0181	.0482	.0564	.0313
3.07	.0160	.0219	.0497	.0550	.0277
3.08	.0113	.0254	.0509	.0532	.0239
3.09	.0067	.0287	.0518	.0513	.0208
3.10	-.0028	-.0318	-.0524	-.0491	-.0164
3.11	-.0023	-.0346	-.0527	-.0468	-.0127
3.12	-.0065	-.0372	-.0528	-.0442	-.0090
3.13	-.0107	-.0395	-.0526	-.0415	-.0054
3.14	-.0147	-.0416	-.0521	-.0387	-.0018
3.15	-.0184	-.0433	-.0513	-.0357	.0017
3.16	-.0280	-.0448	-.0503	-.0326	.0051
3.17	-.0294	-.0461	-.0490	-.0295	.0115
3.18	-.0286	-.0470	-.0476	-.0263	.0145
3.19	-.0315	-.0477	-.0459	-.0230	
3.20	-.0341	-.0481	-.0440	-.0196	.0173
3.21	-.0366	-.0482	-.0420	-.0163	.0282
3.22	-.0387	-.0481	-.0397	-.0130	.0247
3.23	-.0406	-.0477	-.0374	-.0097	
3.24	-.0423	-.0471	-.0349	-.0064	.0269
3.25	-.0436	-.0463	-.0322	-.0038	.0388
3.26	-.0447	-.0458	-.0295	-.0001	.0305
3.27	-.0456	-.0440	-.0267	-.0030	.0320
3.28	-.0462	-.0425	-.0239	-.0059	.0333
3.29	-.0465	-.0409	-.0210	-.0088	.0344
3.30	-.0465	-.0391	-.0180	.0115	.0352
3.31	-.0464	-.0371	-.0151	.0141	.0359
3.32	-.0459	-.0350	-.0121	.0165	.0364
3.33	-.0453	-.0327	-.0098	.0188	.0366
3.34	-.0444	-.0304	-.0063	.0210	.0367
3.35	-.0434	-.0279	-.0034	.0229	.0365
3.36	-.0421	-.0254	-.0006	.0247	.0362
3.37	-.0406	-.0228	-.0021	.0263	.0357
3.38	-.0390	-.0202	-.0048	.0278	.0350
3.39	-.0372	-.0175	-.0073	.0290	.0342
3.40	-.0352	-.0148	.0098	.0301	.0332
3.41	-.0332	-.0121	.0121	.0309	.0320
3.42	-.0310	-.0094	.0143	.0316	.0307
3.43	-.0287	-.0067	.0163	.0321	.0293
3.44	-.0263	-.0041	.0183	.0324	.0278
3.45	-.0238	-.0015	.0200	.0326	.0262
3.46	-.0213	.0010	.0217	.0325	.0244
3.47	-.0188	.0034	.0231	.0323	.0226
3.48	-.0162	.0058	.0244	.0320	.0207
3.49	-.0136	.0081	.0256	.0315	.0188
3.50	-.0110	.0102	.0265	.0308	.0168
3.51	-.0084	.0123	.0273	.0300	.0148
3.52	-.0058	.0142	.0280	.0290	.0128
3.53	-.0033	.0160	.0285	.0279	.0107
3.54	-.0008	.0177	.0288	.0267	.0087
3.55	.0016	.0192	.0289	.0254	.0066
3.56	.0040	.0206	.0289	.0240	.0046
3.57	.0062	.0219	.0288	.0225	.0026
3.58	.0084	.0230	.0285	.0209	.0006
3.59	.0104	.0239	.0280	.0193	.0013
3.60	.0124	.0247	.0275	.0176	.0031
3.61	.0142	.0253	.0267	.0159	.0049
3.62	.0159	.0258	.0259	.0141	.0066
3.63	.0175	.0262	.0250	.0123	.0082
3.64	.0189	.0264	.0239	.0105	.0097
3.65	.0202	.0264	.0228	.0086	.0112
3.66	.0214	.0263	.0216	.0068	.0125
3.67	.0224	.0261	.0203	.0050	.0138
3.68	.0233	.0258	.0189	.0032	.0149
3.69	.0240	.0253	.0174	.0015	.0159
3.70	.0246	.0247	.0159	.0002	.0168
3.71	.0250	.0240	.0144	.0019	.0176
3.72	.0253	.0232	.0128	.0035	.0183
3.73	.0255	.0222	.0112	.0051	.0189
3.74	.0255	.0212	.0096	.0065	.0194
3.75	.0254	.0201	.0080	.0079	.0197

$W_8(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.00	- .0145	.0050	.0194	.0233	.0241
3.01	- .0106	.0084	.0218	.0251	.0256
3.02	- .0067	.0117	.0241	.0267	.0268
3.03	- .0029	.0148	.0261	.0281	.0279
3.04	.0008	.0178	.0280	.0294	.0288
3.05	.044	.0206	.0296	.0305	.0295
3.06	.079	.0232	.0311	.0313	.0301
3.07	.113	.0256	.0323	.0320	.0304
3.08	.145	.0278	.0334	.0325	.0306
3.09	.175	.0298	.0342	.0328	.0307
3.10	.204	.0316	.0348	.0329	.0305
3.11	.230	.0332	.0353	.0329	.0302
3.12	.255	.0346	.0355	.0387	.0298
3.13	.278	.0357	.0356	.0383	.0292
3.14	.299	.0367	.0354	.0317	.0285
3.15	.318	.0374	.0351	.0311	.0277
3.16	.334	.0379	.0346	.0308	.0267
3.17	.348	.0382	.0340	.0298	.0256
3.18	.360	.0382	.0332	.0281	.0244
3.19	.370	.0381	.0322	.0269	.0232
3.20	.378	.0378	.0311	.0256	.0218
3.21	.383	.0373	.0298	.0242	.0204
3.22	.387	.0365	.0284	.0227	.0188
3.23	.388	.0357	.0270	.0211	.0173
3.24	.387	.0347	.0254	.0194	.0156
3.25	.384	.0355	.0237	.0177	.0140
3.26	.379	.0322	.0219	.0159	.0123
3.27	.372	.0307	.0201	.0141	.0106
3.28	.364	.0291	.0182	.0123	.0089
3.29	.354	.0274	.0163	.0105	.0072
3.30	.342	.0256	.0144	.0086	.0055
3.31	.329	.0238	.0124	.0068	.0038
3.32	.314	.0218	.0104	.0050	.0021
3.33	.298	.0198	.0084	.0038	.0005
3.34	.281	.0177	.0064	.0014	.0011
3.35	.263	.0156	.0044	- .0003	- .0026
3.36	.245	.0135	.0025	- .0020	- .0041
3.37	.225	.0114	.0006	- .0036	- .0056
3.38	.205	.0092	- .0012	- .0052	- .0069
3.39	.184	.0071	- .0030	- .0067	- .0082
3.40	.163	.0050	- .0047	- .0081	- .0094
3.41	.141	.0029	- .0064	- .0094	- .0105
3.42	.119	.0009	- .0080	- .0107	- .0115
3.43	.097	- .0011	- .0095	- .0118	- .0125
3.44	.076	- .0031	- .0109	- .0129	- .0133
3.45	.054	- .0049	- .0122	- .0139	- .0141
3.46	.033	- .0067	- .0134	- .0148	- .0148
3.47	.013	- .0084	- .0145	- .0155	- .0153
3.48	- .008	- .0100	- .0155	- .0162	- .0158
3.49	- .0028	- .0115	- .0164	- .0168	- .0162
3.50	- .0047	- .0129	- .0171	- .0172	- .0165
3.51	- .0065	- .0142	- .0178	- .0176	- .0167
3.52	- .0082	- .0154	- .0184	- .0178	- .0168
3.53	- .0099	- .0165	- .0188	- .0180	- .0168
3.54	- .0114	- .0175	- .0191	- .0180	- .0167
3.55	- .0129	- .0183	- .0194	- .0180	- .0165
3.56	- .0142	- .0191	- .0195	- .0179	- .0163
3.57	- .0155	- .0197	- .0195	- .0176	- .0160
3.58	- .0166	- .0202	- .0194	- .0173	- .0155
3.59	- .0176	- .0205	- .0192	- .0169	- .0151
3.60	- .0185	- .0208	- .0189	- .0165	- .0145
3.61	- .0192	- .0209	- .0185	- .0159	- .0139
3.62	- .0198	- .0209	- .0181	- .0153	- .0133
3.63	- .0204	- .0208	- .0175	- .0146	- .0126
3.64	- .0208	- .0206	- .0169	- .0139	- .0118
3.65	- .0210	- .0204	- .0162	- .0131	- .0110
3.66	- .0212	- .0200	- .0154	- .0123	- .0102
3.67	- .0213	- .0195	- .0146	- .0114	- .0093
3.68	- .0212	- .0189	- .0137	- .0105	- .0084
3.69	- .0210	- .0182	- .0128	- .0095	- .0075
3.70	- .0207	- .0175	- .0118	- .0086	- .0066
3.71	- .0203	- .0167	- .0108	- .0076	- .0056
3.72	- .0198	- .0158	- .0098	- .0066	- .0047
3.73	- .0193	- .0149	- .0087	- .0056	- .0038
3.74	- .0186	- .0139	- .0077	- .0046	- .0028
3.75	- .0179	- .0128	- .0066	- .0035	- .0019

$W_8(x, r)$

$X \setminus Y$	I	1.1	1.25	1.5	2.0
3.75	.0254	.0201	.0080	.0079	.0197
3.76	.0251	.0190	.0064	.0093	.0199
3.77	.0247	.0177	.0048	.0105	.0201
3.78	.0242	.0164	.0032	.0117	.0201
3.79	.0236	.0151	.0016	.0127	.0200
3.80	.0229	.0137	.0001	.0137	.0198
3.81	.0221	.0123	.0014	.0146	.0195
3.82	.0212	.0108	.0028	.0153	.0191
3.83	.0202	.0094	.0042	.0160	.0186
3.84	.0191	.0079	.0056	.0165	.0181
3.85	.0180	.0064	.0068	.0170	.0174
3.86	.0168	.0049	.0080	.0174	.0167
3.87	.0155	.0035	.0091	.0176	.0159
3.88	.0142	.0020	.0102	.0178	.0151
3.89	.0128	.0006	.0111	.0179	.0142
3.90	.0115	.0008	.0120	.0178	.0132
3.91	.0100	.0021	.0128	.0177	.0122
3.92	.0086	.0034	.0135	.0175	.0112
3.93	.0072	.0046	.0141	.0173	.0101
3.94	.0058	.0058	.0146	.0168	.0090
3.95	.0044	.0069	.0150	.0163	.0079
3.96	.0030	.0079	.0154	.0158	.0068
3.97	.0016	.0089	.0156	.0152	.0057
3.98	.0002	.0098	.0158	.0145	.0046
3.99	-.0011	.0107	.0159	.0138	.0034
4.00	-.0024	.0114	.0158	.0130	.0023
4.01	-.0036	.0121	.0157	.0122	.0013
4.02	-.0048	.0127	.0156	.0113	.0009
4.03	-.0059	.0132	.0153	.0104	.0019
4.04	-.0070	.0136	.0150	.0095	
4.05	-.0079	.0139	.0146	.0085	.0028
4.06	-.0089	.0142	.0141	.0076	.0038
4.07	-.0097	.0144	.0136	.0066	.0046
4.08	-.0105	.0145	.0130	.0056	.0055
4.09	-.0112	.0145	.0124	.0046	.0063
4.10	-.0118	.0144	.0117	.0036	.0070
4.11	-.0124	.0143	.0110	.0026	.0077
4.12	-.0128	.0141	.0102	.0016	.0083
4.13	-.0132	.0138	.0094	.0007	.0088
4.14	-.0135	.0135	.0086	.0003	.0093
4.15	-.0138	.0131	.0078	.0012	.0097
4.16	-.0139	.0126	.0069	.0021	.0101
4.17	-.0140	.0121	.0060	.0029	.0104
4.18	-.0140	.0115	.0051	.0037	.0107
4.19	-.0139	.0109	.0043	.0045	.0108
4.20	-.0137	.0103	.0034	.0052	.0110
4.21	-.0135	.0096	.0025	.0059	.0110
4.22	-.0133	.0089	.0016	.0065	.0110
4.23	-.0129	.0082	.0007	.0071	.0110
4.24	-.0125	.0074	.0001	.0076	.0108
4.25	-.0120	.0066	.0009	.0081	.0107
4.26	-.0115	.0058	.0017	.0085	.0104
4.27	-.0110	.0050	.0024	.0088	.0102
4.28	-.0104	.0042	.0032	.0091	.0098
4.29	-.0097	.0034	.0038	.0094	.0095
4.30	-.0091	.0026	.0045	.0095	.0091
4.31	-.0084	.0018	.0051	.0097	.0087
4.32	-.0077	.0010	.0057	.0098	.0082
4.33	-.0069	.0008	.0052	.0098	.0077
4.34	-.0062	.0005	.0066	.0098	.0072
4.35	-.0054	.0013	.0071	.0097	.0066
4.36	-.0046	.0020	.0074	.0096	.0060
4.37	-.0038	.0026	.0078	.0094	.0055
4.38	-.0030	.0033	.0080	.0092	.0049
4.39	-.0023	.0039	.0083	.0089	.0042
4.40	-.0015	.0044	.0084	.0086	.0036
4.41	-.0007	.0050	.0086	.0083	.0030
4.42	-.0000	.0055	.0087	.0079	.0024
4.43	-.0007	.0059	.0087	.0075	.0018
4.44	.0014	.0063	.0087	.0071	.0012
4.45	.0021	.0067	.0086	.0066	.0006
4.46	.0027	.0070	.0085	.0061	.0000
4.47	.0033	.0073	.0084	.0056	-.0006
4.48	.0039	.0075	.0082	.0051	-.0011
4.49	.0044	.0077	.0080	.0046	-.0016
4.50	.0049	.0078	.0077	.0041	-.0021

$W_8(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.75	- .0179	- .0128	- .0066	- .0035	- .0019
3.76	- .0171	- .0118	- .0055	- .0026	- .0010
3.77	- .0162	- .0107	- .0044	- .0016	- .0001
3.78	- .0153	- .0095	- .0033	- .0006	.0008
3.79	- .0143	- .0084	- .0023	.0003	.0016
3.80	- .0132	- .0072	- .0012	.0013	.0024
3.81	- .0121	- .0060	- .0002	.0021	.0032
3.82	- .0110	- .0049	.0008	.0030	.0039
3.83	- .0099	- .0037	.0018	.0038	.0046
3.84	- .0087	- .0025	.0028	.0046	.0053
3.85	- .0075	- .0014	.0037	.0053	.0059
3.86	- .0063	- .0003	.0045	.0060	.0064
3.87	- .0051	.0008	.0053	.0066	.0069
3.88	- .0040	.0018	.0061	.0072	.0074
3.89	- .0028	.0029	.0068	.0077	.0078
3.90	- .0016	.0038	.0074	.0082	.0082
3.91	- .0005	.0048	.0080	.0086	.0085
3.92	.0006	.0056	.0086	.0089	.0087
3.93	.0017	.0064	.0090	.0092	.0089
3.94	.0027	.0072	.0095	.0095	.0091
3.95	.0037	.0079	.0098	.0097	.0091
3.96	.0047	.0086	.0101	.0098	.0092
3.97	.0056	.0091	.0103	.0099	.0091
3.98	.0064	.0097	.0105	.0099	.0090
3.99	.0072	.0101	.0106	.0099	.0090
4.00	.0079	.0105	.0107	.0098	.0089
4.01	.0086	.0108	.0107	.0096	.0087
4.02	.0092	.0111	.0106	.0095	.0085
4.03	.0097	.0113	.0105	.0092	.0082
4.04	.0102	.0114	.0103	.0090	.0079
4.05	.0106	.0115	.0101	.0087	.0076
4.06	.0109	.0115	.0099	.0083	.0072
4.07	.0112	.0114	.0096	.0080	.0068
4.08	.0114	.0113	.0092	.0075	.0064
4.09	.0116	.0111	.0088	.0071	.0060
4.10	.0116	.0109	.0084	.0066	.0055
4.11	.0116	.0106	.0079	.0062	.0050
4.12	.0116	.0103	.0075	.0057	.0045
4.13	.0115	.0099	.0069	.0051	.0040
4.14	.0113	.0095	.0064	.0046	.0035
4.15	.0111	.0091	.0059	.0041	.0030
4.16	.0108	.0086	.0053	.0035	.0025
4.17	.0105	.0081	.0047	.0030	.0020
4.18	.0102	.0075	.0041	.0024	.0015
4.19	.0097	.0069	.0035	.0019	.0010
4.20	.0093	.0064	.0029	.0013	.0005
4.21	.0088	.0057	.0023	.0008	.0000
4.22	.0083	.0051	.0017	.0003	.0005
4.23	.0077	.0045	.0011	.0003	.0010
4.24	.0072	.0038	.0006	.0008	.0014
4.25	.0066	.0032	.0000	.0013	.0018
4.26	.0059	.0026	.0005	.0017	.0022
4.27	.0053	.0019	.0011	.0022	.0025
4.28	.0047	.0013	.0016	.0026	.0029
4.29	.0040	.0007	.0021	.0030	.0033
4.30	.0034	.0001	.0025	.0033	.0036
4.31	.0027	.0005	.0030	.0037	.0038
4.32	.0021	.0011	.0034	.0040	.0041
4.33	.0014	.0017	.0038	.0043	.0043
4.34	.0008	.0022	.0041	.0045	.0045
4.35	- .0002	- .0027	- .0044	- .0047	- .0047
4.36	- .0004	- .0032	- .0047	- .0048	- .0048
4.37	- .0010	- .0036	- .0050	- .0049	- .0049
4.38	- .0016	- .0040	- .0052	- .0050	- .0050
4.39	- .0021	- .0044	- .0054	- .0052	- .0050
4.40	- .0026	- .0047	- .0056	- .0053	- .0050
4.41	- .0031	- .0051	- .0057	- .0054	- .0050
4.42	- .0036	- .0053	- .0058	- .0054	- .0050
4.43	- .0040	- .0056	- .0058	- .0054	- .0049
4.44	- .0044	- .0058	- .0059	- .0054	- .0049
4.45	- .0048	- .0060	- .0058	- .0053	- .0048
4.46	- .0051	- .0061	- .0058	- .0052	- .0046
4.47	- .0054	- .0062	- .0057	- .0050	- .0045
4.48	- .0056	- .0063	- .0056	- .0049	- .0043
4.49	- .0058	- .0063	- .0055	- .0047	- .0041
4.50	- .0060	- .0063	- .0054	- .0045	- .0039

$W_8(x, r)$

X	Y	1	1.1	1.25	1.5	2.0
4.50	.0049		.0078	.0077	.0041	-.0021
4.51	.0054		.0079	.0074	.0035	-.0026
4.52	.0058		.0079	.0071	.0030	-.0031
4.53	.0062		.0079	.0067	.0024	-.0035
4.54	.0065		.0079	.0064	.0019	-.0039
4.55	.0068		.0078	.0060	.0013	-.0042
4.56	.0071		.0077	.0055	.0008	-.0046
4.57	.0073		.0075	.0051	.0003	-.0049
4.58	.0074		.0074	.0046	.0002	-.0051
4.59	.0076		.0071	.0042	.0007	-.0054
4.60	.0076		.0069	.0037	-.0012	-.0056
4.61	.0077		.0066	.0032	-.0017	-.0057
4.62	.0077		.0063	.0027	-.0021	-.0059
4.63	.0076		.0059	.0022	-.0025	-.0060
4.64	.0075		.0056	.0018	-.0029	-.0060
4.65	.0074		.0052	.0013	-.0033	-.0060
4.66	.0072		.0048	.0008	-.0036	-.0060
4.67	.0070		.0044	.0003	-.0039	-.0060
4.68	.0068		.0040	.0001	-.0042	-.0059
4.69	.0066		.0035	-.0006	-.0044	-.0058
4.70	.0063		.0031	-.0010	-.0047	-.0057
4.71	.0060		.0027	-.0014	-.0049	-.0055
4.72	.0056		.0022	-.0018	-.0050	-.0054
4.73	.0053		.0018	-.0022	-.0051	-.0052
4.74	.0049		.0013	-.0025	-.0052	-.0049
4.75	.0045		.0009	-.0028	-.0053	-.0047
4.76	.0041		.0005	-.0031	-.0053	-.0044
4.77	.0037		.0001	-.0034	-.0054	-.0048
4.78	.0033		-.0004	-.0037	-.0053	-.0039
4.79	.0029		-.0008	-.0039	-.0053	-.0036
4.80	.0025		-.0011	-.0041	-.0058	-.0033
4.81	.0020		-.0015	-.0043	-.0051	-.0029
4.82	.0016		-.0018	-.0044	-.0050	-.0026
4.83	.0012		-.0022	-.0045	-.0049	-.0023
4.84	.0008		-.0025	-.0046	-.0047	-.0019
4.85	-.0003		-.0028	-.0047	-.0045	-.0016
4.86	-.0001		-.0030	-.0047	-.0043	-.0013
4.87	-.0005		-.0033	-.0048	-.0041	-.0009
4.88	-.0008		-.0035	-.0047	-.0038	-.0006
4.89	-.0012		-.0037	-.0047	-.0036	-.0003
4.90	-.0015		-.0039	-.0047	-.0033	0.0000
4.91	-.0019		-.0040	-.0046	-.0030	0.0004
4.92	-.0022		-.0041	-.0045	-.0028	0.0007
4.93	-.0025		-.0042	-.0043	-.0025	0.0009
4.94	-.0027		-.0043	-.0042	-.0022	0.0122
4.95	-.0030		-.0043	-.0040	-.0019	0.0155
4.96	-.0032		-.0043	-.0039	-.0016	0.0117
4.97	-.0034		-.0043	-.0037	-.0013	0.0199
4.98	-.0036		-.0043	-.0034	-.0010	0.0228
4.99	-.0038		-.0043	-.0032	-.0007	0.0284
5.00	-.0039		-.0042	-.0030	-.0004	0.0025

$W_e(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	- .0060	- .0063	- .0054	- .0045	- .0039
4.51	- .0062	- .0063	- .0052	- .0043	- .0037
4.52	- .0063	- .0062	- .0050	- .0041	- .0035
4.53	- .0063	- .0061	- .0048	- .0039	- .0032
4.54	- .0064	- .0060	- .0046	- .0036	- .0030
4.55	- .0064	- .0058	- .0043	- .0033	- .0027
4.56	- .0064	- .0056	- .0040	- .0031	- .0024
4.57	- .0063	- .0054	- .0038	- .0028	- .0022
4.58	- .0062	- .0052	- .0035	- .0025	- .0019
4.59	- .0061	- .0049	- .0032	- .0022	- .0016
4.60	- .0059	- .0047	- .0028	- .0019	- .0013
4.61	- .0057	- .0044	- .0025	- .0016	- .0010
4.62	- .0055	- .0041	- .0022	- .0013	- .0008
4.63	- .0053	- .0038	- .0019	- .0010	- .0005
4.64	- .0050	- .0034	- .0015	- .0007	- .0002
4.65	- .0048	- .0031	- .0012	- .0004	.0001
4.66	- .0045	- .0027	- .0009	- .0002	.0003
4.67	- .0042	- .0024	- .0006	- .0002	.0006
4.68	- .0039	- .0020	- .0003	.0005	.0008
4.69	- .0035	- .0017	.0000	.0007	.0010
4.70	- .0032	- .0013	.0003	.0010	.0012
4.71	- .0029	- .0010	.0006	.0012	.0014
4.72	- .0025	- .0007	.0009	.0014	.0016
4.73	- .0021	- .0003	.0012	.0016	.0018
4.74	- .0018	.0000	.0014	.0018	.0020
4.75	- .0014	.0003	.0017	.0020	.0021
4.76	- .0011	.0007	.0019	.0022	.0023
4.77	- .0007	.0010	.0021	.0023	.0024
4.78	- .0004	.0012	.0023	.0025	.0025
4.79	.0000	.0015	.0025	.0026	.0026
4.80	.0003	.0018	.0026	.0027	.0026
4.81	.0006	.0020	.0028	.0028	.0027
4.82	.0009	.0022	.0029	.0029	.0027
4.83	.0012	.0024	.0030	.0029	.0028
4.84	.0015	.0026	.0031	.0029	.0028
4.85	.0017	.0028	.0031	.0030	.0028
4.86	.0020	.0029	.0032	.0030	.0027
4.87	.0022	.0031	.0032	.0029	.0027
4.88	.0024	.0032	.0032	.0029	.0027
4.89	.0026	.0033	.0032	.0029	.0026
4.90	.0028	.0033	.0032	.0028	.0025
4.91	.0030	.0034	.0031	.0027	.0024
4.92	.0031	.0034	.0031	.0027	.0023
4.93	.0032	.0034	.0030	.0026	.0022
4.94	.0033	.0034	.0029	.0025	.0021
4.95	.0034	.0034	.0028	.0023	.0020
4.96	.0034	.0034	.0027	.0022	.0019
4.97	.0035	.0033	.0026	.0021	.0017
4.98	.0035	.0032	.0025	.0019	.0016
4.99	.0035	.0032	.0023	.0018	.0015
5.00	.0035	.0031	.0022	.0016	.0013

$W_9(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
.00	.50000000	3.97637238	7.66971316	1.139693144	1.462827153
.01	.89683716	4.23104801	7.61988158	1.083129174	1.331687367
.02	1.28335678	4.45954391	7.53869858	1.0252628811	1.205485754
.03	1.65740428	4.66104027	7.42724747	9.66420096	1.084366597
.04	2.01694553	4.83490071	7.28676265	9.06806857	9.68455426
.05	2.36007783	4.98067250	7.1161907	8.46707288	8.57858664
.06	2.68503973	5.09808560	6.92432100	7.86382342	7.52663375
.07	2.99021969	5.18705040	6.70549027	7.2609371	6.32937107
.08	3.27416346	5.24765447	6.46385393	6.66076824	5.58727835
.09	3.53558036	5.28015806	6.20123152	6.06594982	4.70064001
.10	3.77334818	5.28498869	5.91952208	5.47837773	3.869546449
.11	4.19651693	5.26273466	5.62069085	4.90141846	3.09389664
.12	4.17431129	5.21413768	5.30675589	4.33615521	2.37340090
.13	4.33613186	5.14008471	4.97977465	3.78499829	1.70758558
.14	4.47155528	5.04159896	4.64183059	3.24967622	1.09579763
.15	4.580333873	4.91983026	4.29501989	2.73258781	.53721158
.16	4.66238831	4.77604477	3.94143846	2.23479512	.03083422
.17	4.71781504	4.61161422	3.58316918	1.75801743	-4.24448591
.18	4.74687059	4.42800471	3.22269582	1.30362607	-83005148
.19	4.74997237	4.22676509	2.86075965	.87284035	-1.18730725
.20	4.72769015	4.00951519	2.50061100	.46672435	-1.49783077
.21	4.68073980	3.77793377	2.14373547	.08618477	-1.76338247
.22	4.60997491	3.53374642	1.79197519	-2.6803024	-1.98559528
.23	4.51637796	3.27871343	1.44709303	-5.9533133	-2.166556387
.24	4.40105113	3.01461777	1.11078381	-89528725	-230823357
.25	4.26520627	2.74325316	.78456627	-1.16762317	-2.41268904
.26	4.11015449	2.46641238	.46997587	-1.41221820	-2.48208269
.27	3.93729533	2.18587592	.16835840	-1.62901200	-2.518662305
.28	3.74810562	1.90340093	-1.1903555	-1.81845059	-2.524556304
.29	3.54412810	1.62071062	-3.9107531	-1.98058141	-2.50818827
.30	3.32695987	1.33948418	-.64675384	-2.11594761	-2.45380542
.31	3.09824079	1.06134716	-.88519069	-2.32513171	-2.38173078
.32	2.85964187	.78786254	-1.10563407	-2.30883868	-2.28827893
.33	2.61285374	.52052237	-1.30746197	-2.36788836	-2.17575181
.34	2.35957589	.26074008	-1.49018253	-2.40320748	-2.046427797
.35	2.10150256	.00984354	-1.65343349	-2.411582123	-1.90255233
.36	1.84031785	-.23093114	-1.79698093	-2.10684439	-1.746326228
.37	1.57767932	-.46044518	-1.92071710	-2.37747224	-1.57989834
.38	1.31521087	-.577666170	-2.02465763	-2.32897117	-1.405355823
.39	1.05449268	-.88164971	-2.10893799	-2.26266916	-1.22471361
.40	.79705185	-1.07158721	-2.17380921	-2.17994605	-1.03991239
.41	.54435455	-1.24676351	-2.21963311	-2.08222388	-852805559
.42	.29779755	-1.40658078	-2.24687683	-1.97095719	-56515598
.43	.05870138	-1.55055484	-2.25610693	-1.84762331	-47862932
.44	-1.7169627	-1.67831513	-2.24798295	-1.713712894	-29478925
.45	-.39824634	-1.78960400	-2.228325060	-1.57072076	-1.1509304
.46	-.60189344	-1.88427528	-2.18873456	-1.42013636	.05911215
.47	-.79968016	-1.96229211	-2.12733097	-1.263433550	.226598211
.48	-.98475067	-2.02372421	-2.05799969	-1.10207154	.3868287683
.49	-1.15635349	-2.06874439	-1.97575635	-93746748	.53701695
.50	-.313184352	-2.09762465	-1.88166426	-.77100822	.67807457
.51	-.45668339	-2.1073159	-1.77668267	.60403338	.80863338
.52	-.158444395	-2.10852143	-1.66837657	.43783063	.92804302
.53	-.169680415	-2.09153453	-1.53947254	.27362946	1.03576895
.54	-1.79355014	-2.06038951	-1.40928664	-1.1259553	.113139054
.55	-.187457375	-2.01577707	-1.27899853	.04417436	1.21459866
.56	-.193987024	-1.95845342	-1.13178723	.19565681	1.28519869
.57	-.198953553	-1.88923357	-.98682363	.34090569	1.34307698
.58	-.202376278	-1.80898432	-.83926321	.47905547	1.38825679
.59	-2.04283843	-1.71861718	-.69023904	.60932388	1.42083386
.60	-2.04713774	-1.61908116	-.54085518	.73101401	1.44100145
.61	-2.03711992	-1.51131551	-.39818047	.84351580	1.44903911
.62	-2.01332277	-1.39644249	-.24524264	.94630689	1.44530704
.63	-1.97635696	-1.27536016	-.101028293	.103895300	1.43024018
.64	-1.93869004	-1.14913528	.03954880	.1121110756	1.40434210
.65	-1.86569013	-1.01879640	.17559865	.119251100	1.36817862
.66	-1.79351942	-.86536701	.30631251	.125298931	1.32237133
.67	-1.71122743	-.74985907	.43093961	.130845224	.136759098
.68	-1.61969422	-.61326668	.54879545	.134089096	.120455078
.69	-1.519813349	-.476566008	.65926421	.136837528	1.13399970
.70	-1.41258564	-.34068003	.76180070	.138505040	1.05671581
.71	-1.29891084	-.20653244	.85593170	.139113341	.97349965
.72	-1.17978223	-.07498350	.94125686	.138690924	.88516767
.73	-1.05617912	.05314489	.101744911	.137272652	.79254589
.74	-1.92908042	.17707925	.108425446	.134899292	.694646363
.75	-1.79945824	.29609812	.114149150	.131617047	.59774756

$W_9(x, r)$

X	T	3.0	4.0	6.0	8.0	10.0
.00	15.82901988	15.39062500	13.93997808	12.66715507	11.64904033	
.01	13.85990475	13.82437945	11.75657503	10.58444173	9.67977964	
.02	12.03171065	11.24363038	9.78862191	8.72024381	7.92436194	
.03	10.33975955	9.43919269	8.02256167	7.05949303	6.36730118	
.04	8.77929467	7.80203399	6.44531274	5.58775677	4.99382438	
.05	7.34548948	6.32328148	5.04426486	4.29122557	3.78985404	
.06	6.03345704	4.99422891	3.80727492	3.15670086	2.74199078	
.07	4.83825978	3.80634362	2.72266281	2.17158273	1.83749599	
.08	3.75491969	2.75127352	1.77920717	1.32385780	1.06427547	
.09	2.77842876	1.82085408	.96614102	.60208712	.41086215	
.10	1.90375976	1.00711523	.27314734	-.00460583	-.13360020	
.11	1.120987720	.30228806	-.30964560	-.50654733	-.57937348	
.12	.43974845	-.30118853	-.79166906	-.91352536	-.93614151	
.13	-.15964498	-.81066162	-.118191885	-.123480188	-.121304628	
.14	-.57729619	-.133325805	-.148896061	-.147912498	-.141860409	
.15	-.111816159	-.157587877	-.172093540	-.165474119	-.156092166	
.16	-.148714963	-.184519336	-.188556555	-.176940792	-.164751210	
.17	-.176910975	-.204763511	-.199016078	-.183040601	-.168541099	
.18	-.202882148	-.218939635	-.204162478	-.18445236	-.168117236	
.19	-.221098366	-.227642443	-.204646194	-.181821278	-.164088461	
.20	-.234020418	-.231441808	-.201078476	-.175731498	-.157018657	
.21	-.242098982	-.230882436	-.194032121	-.165736163	-.147428337	
.22	-.245773667	-.226483618	-.184042287	-.155344371	-.135796250	
.23	-.245472091	-.218739036	-.171607318	-.142025392	-.122560972	
.24	-.241609011	-.208116633	-.157189622	-.137210026	-.108122500	
.25	-.234585503	-.195058548	-.141216579	-.111291979	-.92843850	
.26	-.224788205	-.179981109	-.124081493	-.94629251	-.77052648	
.27	-.212588617	-.163274895	-.106144574	-.77545531	-.61042715	
.28	-.198342464	-.145304860	-.87733961	-.60331615	-.450756553	
.29	-.182389135	-.126410528	-.69146778	-.43246823	-.39382423	
.30	-.155051177	-.106906246	-.50650217	-.26520426	-.14164916	
.31	-.146633874	-.87081507	-.32482658	-.10353084	.00402491	
.32	-.1274284891	-.87201336	-.14854813	-.05081780	.14171384	
.33	-.107693996	-.147506732	.02049101	.19636240	.27017775	
.34	-.87892854	-.28215184	18070176	.33187030	.38840587	
.35	-.67654898	-.09521230	33073592	.45633514	.49560147	
.36	-.47795273	-.08402917	.46947393	.56896556	.59116713	
.37	-.28310858	.254066699	.59601243	.56917048	.67469009	
.38	-.09380355	.41360477	.70965178	.75654507	.74592798	
.39	.08835544	.56154769	.80988340	.83085686	.80479473	
.40	.26193926	.69699427	.89637722	.89203209	.85134687	
.41	.425569355	.81922783	.968956910	.94014223	.88577009	
.42	.57853503	.92770757	.102764821	.97539076	.90836618	
.43	.71954728	1.02205934	.107254463	.99810027	.91954036	
.44	.84797582	1.10206612	.110391698	.100869982	.91978856	
.45	.96322270	1.16765831	1.12214026	1.00771262	.90968754	
.46	1.06484057	1.21890374	1.12769383	.99574417	.88987953	
.47	1.152526230	1.25599769	1.12114971	.97347065	.86106514	
.48	1.22611407	1.27925266	1.10316104	.94162785	.82399097	
.49	1.28556822	1.28908820	1.07445098	.90100044	.77943992	
.50	1.33097560	1.28602066	1.03580158	.85241177	.72822173	
.51	1.36253776	1.27065306	.98804382	.79671411	.67116397	
.52	1.38056280	1.24366496	.93204697	.73477936	.60910363	
.53	1.38545705	1.20580253	.86870916	.66749033	.54287916	
.54	1.37771660	1.15786873	.79894808	.59573251	.47332311	
.55	1.35791872	1.10071372	.72369222	.52038635	.40125530	
.56	1.32671319	1.035222553	.64387252	.44232014	.32747660	
.57	1.28481369	.96232101	.56041460	.36238337	.28276314	
.58	1.23298913	.88293706	.47423145	.28140073	.17788119	
.59	1.17205516	.79802226	.38621665	.20016656	.10348254	
.60	1.10286568	.70852863	.29723816	.11943997	.03030041	
.61	1.02630464	.61540502	.20813263	.03994039	-.04105409	
.62	.94327795	.51958792	.11970022	-.03765621	-.10999499	
.63	.85470556	.42199675	.03270004	-.11272070	-.17598395	
.64	.76151440	.32352654	-.05215391	-.18467345	-.23853226	
.65	.66463018	.22504234	-.13419630	-.25298670	-.29720240	
.66	.56497144	.18737397	-.21281338	-.31718624	-.35160908	
.67	.46344254	.03131118	-.28744545	-.37685269	-.40141986	
.68	.36092759	-.06240062	-.35758882	-.43162231	-.44635532	
.69	.25828473	-.15306413	-.42279719	-.48118732	-.48618886	
.70	.15634077	-.24003343	-.48268264	-.52529581	-.52074610	
.71	.05588639	-.32271670	-.53691607	-.56375123	-.54990389	
.72	-.04232833	-.40057847	-.58528724	-.59641155	-.57358902	
.73	-.13759786	-.47314141	-.62740434	-.62318797	-.59177664	
.74	-.22926467	-.53998748	-.66329321	-.64404335	-.60448834	
.75	-.31672220	-.60075881	-.69279608	-.65899033	-.61179000	

W_g(x, r)

X	T	1	1.1	1.25	1.5	2.0
.75	- .79945824	.29609812	1.14149150	1.31617047	.59774756	
.76	- .66827168	.40953535	1.18905027	1.27477053	.49781584	
.77	- .53646089	.51578283	1.22689079	1.22534865	.39567271	
.78	- .40494150	.61729280	1.25504119	1.16849927	.39390318	
.79	- .27459924	.71057972	1.27359531	1.10485042	.19266819	
.80	- 1.4628500	.79622160	1.28271015	1.03505823	.09270001	
.81	- .02081022	.87386094	1.28260276	.95980157	.00530198	
.82	- 1.0105727	.94320519	1.27354697	.87977658	.10067493	
.83	- .81859714	1.00402677	1.25586980	.79569138	.19279646	
.84	- 3.3113984	1.05616264	1.22994759	.70826074	.38108719	
.85	.43806959	1.09951349	1.19620198	.61820101	.36501366	
.86	.538826691	1.13404250	1.15509565	.526222509	.44409059	
.87	.63291063	1.15977374	1.10712795	.43303766	.51788265	
.88	.71987954	1.17679020	1.05283040	.33933051	.58600597	
.89	.79935354	1.18523149	.992776212	.84577827	.64812914	
.90	.87101442	1.18529121	.92750521	.15303421	.70397389	
.91	.93460609	1.17721409	.85766008	.06172644	.75331532	
.92	.98993453	1.16129282	.78384085	.08754566	.79598183	
.93	1.03686722	1.13786465	.70667082	.114241469	.83185459	
.94	1.07533224	1.10730785	.62677783	.197774817	.86086673	
.95	1.10531697	1.07003793	.54479001	.27765110	.88300283	
.96	1.12686641	1.02650375	.46133140	.135346831	.89829438	
.97	1.14008124	.97718354	.37701789	.42478634	.90688405	
.98	1.14511547	.92258081	.29245327	.49123502	.90871768	
.99	1.14217385	.86328021	.808228543	.55246876	.90414493	
1.00	1.13150905	.79964338	.12490294	.60826744	.89331625	
1.01	1.11341858	.73240481	.04303163	.65633697	.87648010	
1.02	1.08824123	.56205773	.03686832	.70250954	.85392008	
1.03	1.05635413	.58920005	.11430531	.74064354	.825595191	
1.04	1.01816857	.51437039	.18881866	.77264316	.79298024	
1.05	.97412649	4.3814423	- 2.5998103	- .79845771	.75519537	
1.06	.92469657	3.6108019	- 3.2740011	- .81808063	.71316992	
1.07	.87037033	2.8378644	- 3.9072050	- .83154824	.66255543	
1.08	.81165810	2.0661734	- 4.49624899	- .83893825	.61787891	
1.09	.74908512	1.3027018	- 5.0383522	- .84036800	.56547945	
1.10	.68318751	.05518224	- .55311335	- .83599252	.51050479	
1.11	.61450836	.01817802	- .59726156	- .88600233	.45340795	
1.12	.54359390	.08934354	- .63612273	- .81062118	.39464394	
1.13	.47098970	.15791088	- .66958020	- .79010348	.33466655	
1.14	.39723703	.28348333	- .69755745	- .76473170	.87392583	
1.15	.32286934	.28569769	- .72001741	- .73481365	.81286213	
1.16	.24840888	.34422977	- .73698163	- .70067962	.15190919	
1.17	.17436352	.39878570	- .74842911	- .626267945	.09148554	
1.18	.10122371	.14910786	- .75449499	- .68117965	.03199489	
1.19	.08945973	.149497468	- .75526901	- .57656034	.08617678	
1.20	- .04048095	.53620104	- .75089377	- .529821232	.0866338	
1.21	- .108176	.5726329	- .741543	- .479534	.137121	
1.22	- .173230	.504175	- .727419	- .427929	.169888	
1.23	- .335278	.530736	- .708750	- .374802	.238690	
1.24	- .893984	.6528281	- .685791	- .320557	.285237	
1.25	- .349046	.668806	- .658817	- .265594	.328628	
1.26	- .400194	.680339	- .6282128	- .210309	.368649	
1.27	- .447191	.686945	- .594019	- .155085	.405117	
1.28	- .489838	.688716	- .556834	- .100298	.437877	
1.29	- .527970	.685777	- .516904	- .046308	.466804	
1.30	- .561454	.578290	- .474577	.065540	.491804	
1.31	- .590197	.566404	- .430207	.057918	.512810	
1.32	- .614138	.650352	.384150	.107517	.529786	
1.33	- .633250	.630351	.336765	.155050	.542725	
1.34	- .647541	.606646	.288410	.200250	.551646	
1.35	- .657050	.579501	- .239440	.242874	.556597	
1.36	- .661847	.549198	- .190202	.282705	.557651	
1.37	- .662034	.516029	- .141037	.319549	.554905	
1.38	- .657737	.480298	- .098276	.353238	.56480	
1.39	- .649114	.442319	- .044837	.383631	.538518	
1.40	- .636344	.402412	.002776	.410612	.525183	
1.41	- .619631	.360900	.048472	.434092	.508656	
1.42	- .599197	.318109	.092582	.454009	.489134	
1.43	- .575286	.274363	.134849	.470326	.466838	
1.44	- .548157	.229984	.175041	.483032	.441975	
1.45	- .518084	.185290	.212943	.492138	.414800	
1.46	- .485353	.140591	.248365	.497684	.385564	
1.47	- .450258	.096188	.281135	.499729	.351491	
1.48	- .413104	.052373	.311106	.498357	.381871	
1.49	- .374199	.009424	.338154	.493670	.287956	
1.50	- .333850	.032394	.362179	.485792	.253012	

$W_9(x, r)$

X	R	3.0	4.0	6.0	8.0	10.0
.75	- .31672220	- .60075881	- .69279608	- .65899033	- .61179000	
.76	- .39941745	- .65515795	- .71587008	- .56808915	- .61378941	
.77	- .47685298	- .70294778	- .73252532	- .57144524	- .61063372	
.78	- .54658853	- .74395092	- .74282269	- .66920653	- .60250661	
.79	- .61424207	- .77804882	- .74687140	- .66156066	- .58962546	
.80	- .67349054	- .80518039	- .74482626	- .64873190	- .572223823	
.81	- .72607003	- .82534030	- .73688474	- .63097804	- .55062042	
.82	- .77177559	- .83857699	- .72328386	- .60858708	- .52507177	
.83	- .81046067	- .84499032	- .70429689	- .58187388	- .49591310	
.84	- .84203606	- .84472695	- .68022991	- .55117672	- .46348298	
.85	- .86646859	- .83798753	- .65141834	- .51685388	- .42813449	
.86	- .88377940	- .82500357	- .61822326	- .47928015	- .39023194	
.87	- .89404193	- .80605421	- .58102786	- .43884337	- .35014772	
.88	- .89737959	- .78145276	- .54023371	- .39594102	- .30825915	
.89	- .89396531	- .75154519	- .49625711	- .35097691	- .26494541	
.90	- .88400816	- .71670641	- .44952548	- .30435784	- .22058460	
.91	- .86777136	- .67733658	- .40047375	- .25649049	- .17555096	
.92	- .84554799	- .63385729	- .34954089	- .20777834	- .13021211	
.93	- .81766817	- .58670777	- .29716552	- .15861875	- .08492658	
.94	- .78449341	- .53634110	- .24378758	- .10940023	- .04004136	
.95	- .74641297	- .48322044	- .18983522	- .06049981	.00411026	
.96	- .70384021	- .42781534	- .13573180	- .01228060	.04721075	
.97	- .65720884	- .37059808	- .08188805	- .03491036	.08896018	
.98	- .60696914	- .31204020	- .02870045	- .08074429	.12907786	
.99	- .55356424	- .25860909	.02345120	.12491234	.16730380	
1.00	- .49752640	- .19276471	.07420615	.16712735	.20339995	
1.01	- .43927335	- .13295654	.12322456	.20712521	.23715132	
1.02	- .37930469	- .07362066	.17018941	.24466606	.26836669	
1.03	- .31809845	- .01517699	.21480809	.27953530	.29687940	
1.04	- .25612771	.04197319	.25681376	.31154436	.32254772	
1.05	- .19385740	.09744956	.29596646	.34053126	.34525511	
1.06	- .13174126	.15089486	.33205401	.36636094	.36491032	
1.07	- .07021892	.20197670	.36489276	.38892546	.38144723	
1.08	- .00971327	.25038923	.39432794	.40814388	.39482457	
1.09	- .04937210	.29585449	.42023398	.42396208	.40502546	
1.10	.10665510	.33812358	.44251446	.43635228	.41205678	
1.11	.16177727	.37697751	.46110199	.44531248	.41594839	
1.12	.21440553	.41222793	.47595775	.45086570	.41675224	
1.13	.26423383	.44371751	.48707097	.45305900	.41454128	
1.14	.31098450	.47132014	.49445811	.45196249	.40940837	
1.15	.35440934	.49494091	.49816200	.44766810	.40146496	
1.16	.39429054	.51451588	.49825069	.44028829	.39083975	
1.17	.43044128	.53001160	.49481628	.42995462	.37767725	
1.18	.46270615	.54142444	.48797350	.41681625	.36213631	
1.19	.49096136	.54877979	.47785826	.40103837	.34438849	
1.20	.51511464	.55213101	.46462607	.38280054	.32461654	
1.21	.535105	.55151558	.448450	.362829	.303013	
1.22	.550902	.547167	.429521	.339725	.279777	
1.23	.562506	.539087	.408041	.315303	.255116	
1.24	.569946	.527470	.384228	.289248	.229241	
1.25	.573280	.512489	.358308	.261786	.202354	
1.26	.572591	.494335	.330518	.233146	.174703	
1.27	.567991	.473217	.301100	.203560	.146471	
1.28	.559613	.449358	.270301	.173260	.117881	
1.29	.547613	.422995	.238373	.148475	.089144	
1.30	.532171	.394376	.205566	.111435	.060465	
1.31	.513482	.363757	.172131	.080368	.032044	
1.32	.491760	.331401	.138319	.049475	.004073	
1.33	.467234	.297578	.104372	.018983	.0023264	
1.34	.440147	.262559	.070531	.010910	.049792	
1.35	.410751	.226616	.037026	.040018	.075347	
1.36	.379308	.190021	.004083	.068141	.099776	
1.37	.346087	.153043	.028087	.095127	.122937	
1.38	.311364	.115945	.059281	.180812	.144702	
1.39	.275414	.078986	.089307	.145051	.164956	
1.40	.238516	.042416	.117991	.167714	.183596	
1.41	.200947	.006474	.145167	.188684	.200534	
1.42	.162980	.028608	.170689	.207859	.215697	
1.43	.124885	.062615	.194423	.225155	.229025	
1.44	.086925	.095340	.216253	.240499	.240473	
1.45	.049355	.126595	.236077	.253835	.250010	
1.46	.012449	.156204	.253811	.265124	.257618	
1.47	.023647	.184008	.269389	.274341	.263296	
1.48	.056620	.209864	.288759	.281475	.267053	
1.49	.092295	.233648	.293886	.286531	.268912	
1.50	- .124475	- .255253	- .302755	- .289529	- .268908	

$W_9(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	- .3338	.0323	.3621	.4857	.2530
1.51	- .8919	.0725	.3823	.4739	.2167
1.52	- .2497	.1113	.4000	.4601	.1806
1.53	- .8070	.1482	.4145	.4436	.1448
1.54	- .1641	.1831	.4259	.4245	.1078
1.55	- .1813	.2157	.4341	.4032	.0716
1.56	- .0789	.2460	.4391	.3796	.0360
1.57	- .0371	.2738	.4410	.3542	.0011
1.58	.0037	.2990	.4399	.3271	- .0329
1.59	.0434	.3215	.4359	.2986	- .0658
1.60	.0817	.3412	.4291	.2688	- .0973
1.61	.1184	.3580	.4196	.2381	- .1274
1.62	.1532	.3780	.4075	.2066	- .1557
1.63	.1861	.3830	.3930	.1745	- .1823
1.64	.2167	.3912	.3763	.1422	- .2069
1.65	.2451	.3965	.3575	.1098	- .2295
1.66	.2710	.3990	.3368	.0776	- .2499
1.67	.2943	.3987	.3144	.0458	- .2681
1.68	.3151	.3958	.2906	.0145	- .2840
1.69	.3331	.3903	.2654	- .161	- .2975
1.70	.3484	.3823	.2392	- .0456	- .3087
1.71	.3609	.3720	.2181	- .0741	- .3176
1.72	.3706	.3594	.1843	- .1012	- .3240
1.73	.3775	.3448	.1561	- .1270	- .3281
1.74	.3818	.3283	.1276	- .1511	- .3300
1.75	.3833	.3100	.0990	- .1736	- .3295
1.76	.3882	.2902	.0706	- .1943	- .3269
1.77	.3786	.2689	.0425	- .2132	- .3221
1.78	.3725	.2465	.0148	- .2300	- .3154
1.79	.3641	.2230	- .0181	- .2449	- .3067
1.80	.3535	.1987	- .0382	- .2577	- .2961
1.81	.3408	.1737	- .0633	- .2684	- .2840
1.82	.3261	.1482	- .0873	- .2771	- .2708
1.83	.3097	.1225	- .1101	- .2836	- .2550
1.84	.2917	.0967	- .1315	- .2880	- .2365
1.85	.2721	.0709	- .1514	- .2904	- .2209
1.86	.2514	.0454	- .1697	- .2908	- .2023
1.87	.2295	.0202	- .1863	- .2893	- .1829
1.88	.2056	.0043	- .2013	- .2858	- .1627
1.89	.1830	.0281	- .2145	- .2805	- .1421
1.90	.1589	.0511	- .2256	- .2735	- .1210
1.91	.1344	.0731	- .2354	- .2648	- .0998
1.92	.1096	.0939	- .2429	- .2545	- .0784
1.93	.0848	.1134	- .2486	- .2428	- .0572
1.94	.0602	.1316	- .2525	- .2296	- .0362
1.95	.0358	.1486	- .2547	- .2157	- .0155
1.96	.0119	.1640	- .2551	- .2006	.0048
1.97	.- .5114	.1779	- .2538	- .1845	.0244
1.98	- .0340	.1903	- .2509	- .1677	.0433
1.99	- .0557	.2010	- .2463	- .1502	.0614
2.00	- .0765	.2100	- .2403	- .1322	.0786
2.01	- .0961	.2174	- .2327	- .1138	.0948
2.02	- .1146	.2232	- .2238	- .0958	.1099
2.03	- .1317	.2272	- .2137	- .0764	.1238
2.04	- .1475	.2297	- .2024	- .0577	.1365
2.05	- .1619	.2305	- .1901	- .0391	.1480
2.06	- .1748	.2297	- .1769	- .0807	.1581
2.07	- .1861	.2274	- .1626	- .028	.1669
2.08	- .1959	.2237	- .1480	.0147	.1744
2.09	- .2041	.2186	- .1327	.0316	.1804
2.10	- .2106	.2121	- .1169	.0478	.1851
2.11	- .2156	.2044	- .1007	.0632	.1885
2.12	- .2190	.1955	- .0843	.0778	.1904
2.13	- .2208	.1856	- .0679	.0915	.1911
2.14	- .2211	.1747	- .0514	.1041	.1904
2.15	- .2199	.1629	- .0350	.1157	.1885
2.16	- .2173	.1504	- .0189	.1262	.1853
2.17	- .2132	.1372	- .0031	.1356	.1811
2.18	- .2079	.1235	.0123	.1437	.1757
2.19	- .2013	.1093	.0271	.1507	.1693
2.20	- .1935	.0948	.0414	.1565	.1619
2.21	- .1847	.0800	.0550	.1611	.1537
2.22	- .1748	.0652	.0678	.1644	.1447
2.23	- .1641	.0503	.0798	.1666	.1349
2.24	- .1525	.0355	.0910	.1676	.1246
2.25	- .1403	.0208	.1012	.1674	.1137

$W_9(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
1.50	-1244	-2552	-3027	-2895	-2689
1.51	-1549	-2742	-3088	-2899	-2665
1.52	-1835	-2912	-3131	-2889	-2629
1.53	-2101	-3057	-3152	-2859	-2576
1.54	-2347	-3178	-3152	-2811	-2508
1.55	-2570	-3275	-3130	-2745	-2424
1.56	-2770	-3347	-3087	-2663	-2325
1.57	-2946	-3395	-3025	-2564	-2214
1.58	-3098	-3419	-2945	-2451	-2091
1.59	-3225	-3420	-2846	-2325	-1956
1.60	-3327	-3397	-2731	-2185	-1812
1.61	-3404	-3352	-2601	-2035	-1660
1.62	-3456	-3286	-2457	-1875	-1500
1.63	-3484	-3200	-2300	-1707	-1334
1.64	-3488	-3095	-2131	-1531	-1164
1.65	-3468	-2972	-1953	-1350	-990
1.66	-3426	-2832	-1766	-1164	-814
1.67	-3361	-2676	-1572	-976	-637
1.68	-3277	-2508	-1373	-785	-460
1.69	-3172	-2326	-1170	-595	-284
1.70	-3049	-2134	-964	-405	-0112
1.71	-2909	-1933	-758	-217	.0057
1.72	-2754	-1785	-551	-033	.0221
1.73	-2584	-1510	-347	-146	.0380
1.74	-2401	-1291	-145	-320	.0532
1.75	-2208	-1069	.0052	.0487	.0676
1.76	-2004	.0846	.0244	.0647	.0812
1.77	-1793	.0623	.0429	.0798	.0939
1.78	-1576	.0402	.0606	.0940	.1057
1.79	-1354	.0185	.0775	.1071	.1164
1.80	-1129	.0028	.0934	.1193	.1261
1.81	-0903	.0235	.1083	.1303	.1347
1.82	-0676	.0435	.1219	.1401	.1422
1.83	-0452	.0627	.1345	.1488	.1485
1.84	-0230	.0809	.1458	.1562	.1537
1.85	-0013	.0981	.1559	.1624	.1577
1.86	.0198	.1142	.1646	.1674	.1606
1.87	.0402	.1291	.1720	.1711	.1623
1.88	.0598	.1427	.1781	.1736	.1689
1.89	.0784	.1550	.1828	.1748	.1624
1.90	.0961	.1660	.1862	.1749	.1609
1.91	.1285	.1755	.1883	.1738	.1583
1.92	.1277	.1835	.1889	.1715	.1547
1.93	.1416	.1900	.1883	.1681	.1501
1.94	.1542	.1951	.1864	.1637	.1447
1.95	.1655	.1989	.1835	.1584	.1385
1.96	.1754	.2012	.1794	.1522	.1316
1.97	.1838	.2022	.1743	.1452	.1240
1.98	.1908	.2018	.1681	.1374	.1157
1.99	.1963	.2000	.1609	.1289	.1070
2.00	.2004	.1970	.1529	.1198	.0977
2.01	.2030	.1927	.1441	.1101	.0881
2.02	.2048	.1872	.1346	.1000	.0781
2.03	.2039	.1807	.1245	.0894	.0679
2.04	.2084	.1732	.1138	.0786	.0575
2.05	.1995	.1647	.1026	.0675	.0471
2.06	.1954	.1553	.0911	.0563	.0366
2.07	.1901	.1452	.0793	.0451	.0261
2.08	.1836	.1343	.0672	.0338	.0158
2.09	.1761	.1229	.0551	.0226	.0056
2.10	.1677	.1110	.0429	.0116	-.0043
2.11	.1584	.0987	.0308	.0008	.0139
2.12	.1462	.0860	.0188	-.0097	.0252
2.13	.1374	.0732	.0070	.0198	.0320
2.14	.1259	.0602	-.0044	-.0295	-.0404
2.15	.1140	.0471	-.0156	-.0388	-.0483
2.16	.1016	.0342	-.0263	-.0475	-.0556
2.17	.0886	.0213	-.0366	-.0557	-.0624
2.18	.0759	.0087	-.0463	-.0633	-.0686
2.19	.0628	-.0036	-.0555	-.0703	-.0741
2.20	.0496	-.0156	-.0640	-.0765	-.0790
2.21	.0365	-.0271	-.0719	-.0822	-.0835
2.22	.0235	-.0382	-.0790	-.0871	-.0868
2.23	.0107	-.0486	-.0855	-.0912	-.0897
2.24	-.0018	-.0585	-.0911	-.0947	-.0919
2.25	-.0140	-.0676	-.0961	-.0974	-.0934

$W_9(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
2.25	- .1403	- .0208	.1012	.1674	.1137
2.26	- .1275	- .0065	.1105	.1661	.1083
2.27	- .1141	.0075	.1187	.1638	.0905
2.28	- .1004	.0211	.1259	.1604	.0785
2.29	- .0864	.0341	.1321	.1560	.0663
2.30	- .0722	.0466	.1372	.1507	.0540
2.31	- .0579	.0583	.1413	.1445	.0417
2.32	- .0436	.0694	.1443	.1376	.0395
2.33	- .0294	.0797	.1462	.1299	.0174
2.34	- .0155	.0891	.1471	.1215	.0055
2.35	- .0018	.0977	.1470	.1126	- .0061
2.36	.0115	.1054	.1459	.1032	- .0173
2.37	.0244	.1122	.1438	.0933	- .0281
2.38	.0367	.1180	.1409	.0831	- .0384
2.39	.0485	.1228	.1370	.0726	- .0481
2.40	.0595	.1268	.1324	.0620	- .0573
2.41	.0699	.1297	.1270	.0512	- .0658
2.42	.0795	.1317	.1209	.0404	- .0736
2.43	.0883	.1327	.1142	.0296	- .0807
2.44	.0963	.1329	.1069	.0189	- .0871
2.45	.1034	.1381	.0990	.0084	- .0927
2.46	.1096	.1304	.0908	.0019	- .0975
2.47	.1149	.1280	.0821	.0119	- .1015
2.48	.1192	.1247	.0732	.0215	- .1048
2.49	.1227	.1207	.0640	.0307	- .1072
2.50	.1252	.1160	.0546	.0394	- .1089
2.51	.1268	.1107	.0451	.0476	- .1097
2.52	.1275	.1047	.0356	.0553	- .1098
2.53	.1273	.0982	.0262	.0624	- .1092
2.54	.1263	.0913	.0168	.0688	- .1079
2.55	.1845	.0839	.0075	.0746	- .1058
2.56	.1819	.0762	.0015	.0798	- .1032
2.57	.1185	.0683	.0103	.0842	- .0999
2.58	.1144	.0599	.0187	.0880	- .0960
2.59	.1097	.0515	.0268	.0911	- .0916
2.60	.1044	.0429	.0345	.0935	- .0867
2.61	.0985	.0343	.0417	.0952	- .0813
2.62	.0921	.0258	.0484	.0962	- .0756
2.63	.0853	.0173	.0547	.0965	- .0695
2.64	.0781	.0089	.0603	.0962	- .0631
2.65	.0706	.0007	.0655	.0952	- .0565
2.66	.0628	-.0073	.0700	.0936	- .0497
2.67	.0548	-.0150	.0739	.0914	- .0427
2.68	.0467	-.0224	.0773	.0887	- .0357
2.69	.0385	-.0294	.0800	.0855	- .0886
2.70	.0303	-.0361	.0821	.0818	- .0815
2.71	.0220	-.0423	.0836	.0776	- .0145
2.72	.0139	-.0480	.0845	.0730	- .0075
2.73	.0059	-.0533	.0848	.0681	- .0008
2.74	-.0019	-.0580	.0845	.0628	.0058
2.75	-.0095	-.0623	.0836	.0573	.0128
2.76	-.0168	-.0650	.0823	.0516	.0183
2.77	-.0238	-.0691	.0804	.0456	.0241
2.78	-.0304	-.0717	.0780	.0395	.0296
2.79	-.0366	-.0737	.0751	.0334	.0347
2.80	-.0424	-.0752	.0719	.0271	.0395
2.81	-.0478	-.0762	.0682	.0209	.0439
2.82	-.0527	-.0766	.0642	.0147	.0478
2.83	-.0571	-.0764	.0599	.0086	.0513
2.84	-.0610	-.0758	.0553	.0026	.0543
2.85	-.0644	-.0747	.0504	.0033	.0570
2.86	-.0672	-.0731	.0454	.0089	.0591
2.87	-.0695	-.0710	.0401	.0144	.0608
2.88	-.0713	-.0686	.0348	.0196	.0620
2.89	-.0725	-.0657	.0294	.0245	.0628
2.90	-.0733	-.0625	.0239	.0291	.0638
2.91	-.0735	-.0589	.0184	.0334	.0631
2.92	-.0733	-.0551	.0130	.0373	.0626
2.93	-.0724	-.0510	.0076	.0409	.0617
2.94	-.0712	-.0467	.0023	.0441	.0603
2.95	-.0695	-.0421	.0028	.0470	.0587
2.96	-.0674	-.0375	.0078	.0493	.0566
2.97	-.0649	-.0327	.0125	.0513	.0542
2.98	-.0620	-.0278	.0171	.0529	.0516
2.99	-.0588	-.0228	.0214	.0541	.0487
3.00	-.0553	-.0179	.0255	.0550	.0455

$W_g(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
2.25	- .0140	- .0676	- .0961	- .0974	- .0934
2.26	- .0257	- .0761	- .1002	- .0994	- .0943
2.27	- .0369	- .0838	- .1036	- .1007	- .0945
2.28	- .0475	- .0908	- .1061	- .1013	- .0941
2.29	- .0575	- .0969	- .1079	- .1012	- .0931
2.30	- .0669	- .1022	- .1089	- .1004	- .0914
2.31	- .0755	- .1067	- .1092	- .0990	- .0893
2.32	- .0834	- .1104	- .1087	- .0970	- .0865
2.33	- .0906	- .1132	- .1075	- .0943	- .0833
2.34	- .0969	- .1151	- .1057	- .0911	- .0796
2.35	- .1024	- .1163	- .1032	- .0874	- .0755
2.36	- .1070	- .1165	- .1000	- .0832	- .0710
2.37	- .1108	- .1162	- .0963	- .0786	- .0661
2.38	- .1138	- .1150	- .0920	- .0736	- .0610
2.39	- .1159	- .1130	- .0873	- .0682	- .0556
2.40	- .1171	- .1103	- .0821	- .0625	- .0499
2.41	- .1176	- .1070	- .0765	- .0566	- .0441
2.42	- .1172	- .1031	- .0705	- .0505	- .0382
2.43	- .1161	- .0986	- .0643	- .0442	- .0322
2.44	- .1142	- .0935	- .0578	- .0377	- .0261
2.45	- .1116	- .0880	- .0510	- .0312	- .0200
2.46	- .1084	- .0820	- .0442	- .0247	- .0140
2.47	- .1045	- .0757	- .0378	- .0182	- .0080
2.48	- .1000	- .0690	- .0302	- .0118	- .0022
2.49	- .0950	- .0621	- .0232	- .0054	.0035
2.50	- .0894	- .0549	- .0162	.0007	.0090
2.51	- .0835	- .0476	- .0093	.0068	.0143
2.52	- .0771	- .0401	- .0025	.0125	.0194
2.53	- .0704	- .0326	.0040	.0181	.0241
2.54	- .0634	- .0251	.0104	.0234	.0286
2.55	- .0562	- .0176	.0165	.0283	.0328
2.56	- .0489	- .0103	.0224	.0330	.0366
2.57	- .0414	- .0030	.0279	.0372	.0400
2.58	- .0338	.0040	.0331	.0411	.0431
2.59	- .0262	.0108	.0379	.0447	.0459
2.60	- .0187	.0174	.0423	.0478	.0482
2.61	- .0112	.0236	.0463	.0505	.0502
2.62	- .0039	.0296	.0499	.0528	.0517
2.63	- .0032	.0351	.0530	.0547	.0529
2.64	- .0102	.0403	.0557	.0561	.0537
2.65	.0168	.0450	.0580	.0572	.0541
2.66	.0231	.0493	.0598	.0578	.0541
2.67	.0292	.0532	.0612	.0580	.0537
2.68	.0348	.0566	.0620	.0579	.0531
2.69	.0401	.0595	.0625	.0573	.0520
2.70	.0449	.0619	.0625	.0564	.0507
2.71	.0493	.0638	.0621	.0551	.0490
2.72	.0532	.0653	.0613	.0535	.0471
2.73	.0567	.0663	.0601	.0516	.0449
2.74	.0597	.0666	.0586	.0494	.0425
2.75	.0622	.0668	.0567	.0469	.0398
2.76	.0642	.0664	.0544	.0441	.0370
2.77	.0658	.0656	.0519	.0412	.0340
2.78	.0668	.0643	.0491	.0381	.0308
2.79	.0674	.0627	.0460	.0347	.0276
2.80	.0675	.0607	.0427	.0313	.0242
2.81	.0671	.0583	.0392	.0277	.0208
2.82	.0663	.0556	.0356	.0241	.0173
2.83	.0651	.0526	.0318	.0204	.0138
2.84	.0635	.0493	.0279	.0167	.0103
2.85	.0615	.0458	.0240	.0129	.0069
2.86	.0591	.0421	.0199	.0092	.0035
2.87	.0564	.0382	.0159	.0055	.0001
2.88	.0534	.0341	.0119	.0019	-.0031
2.89	.0501	.0300	.0079	-.0016	-.0062
2.90	.0466	.0257	.0040	-.0050	-.0092
2.91	.0429	.0215	.0001	-.0083	-.0120
2.92	.0390	.0171	-.0036	-.0115	-.0147
2.93	.0349	.0128	-.0072	-.0144	-.0172
2.94	.0307	.0086	-.0107	-.0172	-.0196
2.95	.0265	.0044	-.0140	-.0198	-.0217
2.96	.0221	.0003	-.0171	-.0222	-.0236
2.97	.0178	-.0037	-.0200	-.0243	-.0253
2.98	.0134	-.0076	-.0226	-.0262	-.0267
2.99	.0091	-.0113	-.0251	-.0279	-.0280
3.00	.0049	-.0148	-.0273	-.0294	-.0290

$W_9(x, r)$

$x \times r$	1	1.1	1.25	1.5	2.0
3.00	- .0553	- .0179	.0255	.0550	.0455
3.01	- .0516	- .0130	.0292	.0554	.0421
3.02	- .0476	- .0081	.0327	.0554	.0386
3.03	- .0433	- .0033	.0358	.0551	.0348
3.04	- .0390	.0014	.0387	.0544	.0310
3.05	- .0344	.0059	.0411	.0534	.0270
3.06	- .0298	.0103	.0433	.0520	.0230
3.07	- .0251	.0144	.0451	.0503	.0190
3.08	- .0204	.0184	.0465	.0484	.0149
3.09	- .0156	.0221	.0476	.0461	.0108
3.10	- .0109	.0256	.0483	.0436	.0068
3.11	- .0063	.0288	.0487	.0409	.0028
3.12	- .0017	.0317	.0487	.0380	- .0010
3.13	.0027	.0343	.0484	.0349	- .0048
3.14	.0070	.0366	.0478	.0317	- .0084
3.15	.0112	.0387	.0469	.0284	- .0118
3.16	.0151	.0403	.0457	.0249	- .0151
3.17	.0186	.0417	.0443	.0214	- .0182
3.18	.0223	.0428	.0425	.0178	- .0210
3.19	.0256	.0435	.0406	.0142	- .0237
3.20	.0286	.0439	.0384	.0107	- .0261
3.21	.0313	.0440	.0360	.0071	- .0283
3.22	.0337	.0439	.0335	.0036	- .0302
3.23	.0358	.0434	.0307	.0002	- .0318
3.24	.0377	.0426	.0279	.0031	- .0338
3.25	.0392	.0416	.0250	.0063	- .0344
3.26	.0404	.0403	.0219	.0094	- .0353
3.27	.0413	.0388	.0186	.0124	- .0359
3.28	.0419	.0371	.0157	.0151	- .0368
3.29	.0422	.0352	.0126	.0177	- .0363
3.30	.0422	.0331	.0094	.0201	- .0362
3.31	.0420	.0308	.0063	.0223	- .0358
3.32	.0414	.0284	.0032	.0243	- .0352
3.33	.0406	.0259	.0002	.0260	- .0345
3.34	.0396	.0238	.0027	.0276	- .0333
3.35	.0383	.0205	- .0055	.0289	- .0381
3.36	.0368	.0177	- .0082	.0299	- .0307
3.37	.0350	.0149	- .0108	.0308	- .0291
3.38	.0331	.0121	- .0133	.0314	- .0273
3.39	.0311	.0092	- .0155	.0318	- .0255
3.40	.0288	.0064	- .0176	.0319	- .0235
3.41	.0265	.0036	- .0196	.0319	- .0214
3.42	.0240	.0009	- .0213	.0316	- .0198
3.43	.0214	- .0018	- .0229	.0311	- .0170
3.44	.0188	- .0044	- .0248	.0305	- .0147
3.45	.0161	- .0068	- .0254	.0296	- .0123
3.46	.0134	- .0092	- .0263	.0286	- .0100
3.47	.0107	- .0114	- .0271	.0274	- .0077
3.48	.0080	- .0135	- .0276	.0260	- .0053
3.49	.0053	- .0155	- .0279	.0245	- .0030
3.50	.0026	- .0173	- .0281	.0229	- .0008
3.51	.0000	- .0189	- .0280	.0212	.0014
3.52	.0025	- .0203	- .0278	.0194	.0036
3.53	- .0050	- .0216	- .0274	.0175	.0056
3.54	- .0073	- .0227	- .0268	.0156	.0076
3.55	- .0096	- .0236	- .0260	.0136	.0094
3.56	- .0117	- .0243	- .0251	.0115	.0111
3.57	- .0136	- .0248	- .0241	.0095	.0127
3.58	- .0154	- .0252	- .0239	.0074	.0142
3.59	- .0171	- .0254	- .0216	.0053	.0155
3.60	- .0186	- .0254	- .0202	.0033	.0167
3.61	- .0199	- .0252	- .0187	.0013	.0178
3.62	- .0211	- .0248	- .0171	.0006	.0187
3.63	- .0221	- .0244	- .0154	.0025	.0194
3.64	- .0229	- .0237	- .0137	.0044	.0200
3.65	- .0235	- .0229	- .0120	.0061	.0205
3.66	- .0240	- .0220	- .0108	.0078	.0208
3.67	- .0242	- .0210	- .0084	.0093	.0209
3.68	- .0244	- .0198	- .0065	.0108	.0209
3.69	- .0243	- .0186	- .0047	.0181	.0208
3.70	- .0241	- .0172	- .0029	.0133	.0205
3.71	- .0237	- .0158	- .0012	.0144	.0201
3.72	- .0232	- .0143	- .0005	.0154	.0196
3.73	- .0225	- .0128	- .0022	.0162	.0189
3.74	- .0217	- .0112	- .0038	.0169	.0182
3.75	- .0208	- .0096	.0053	.0174	.0173

$W_9(x, r)$

X \ T	3.0	4.0	6.0	8.0	10.0
3.00	.0049	-.0148	-.0273	-.0294	-.0290
3.01	.0007	-.0181	-.0293	-.0306	-.0299
3.02	-.0034	-.0213	-.0310	-.0316	-.0305
3.03	-.0073	-.0241	-.0324	-.0324	-.0308
3.04	-.0110	-.0268	-.0336	-.0329	-.0310
3.05	-.0146	-.0291	-.0346	-.0332	-.0309
3.06	-.0180	-.0313	-.0353	-.0332	-.0306
3.07	-.0211	-.0331	-.0357	-.0331	-.0302
3.08	-.0241	-.0347	-.0359	-.0327	-.0295
3.09	-.0268	-.0360	-.0358	-.0321	-.0287
3.10	-.0293	-.0370	-.0355	-.0312	-.0277
3.11	-.0313	-.0377	-.0349	-.0303	-.0265
3.12	-.0332	-.0382	-.0343	-.0291	-.0252
3.13	-.0349	-.0384	-.0332	-.0278	-.0238
3.14	-.0362	-.0383	-.0320	-.0263	-.0222
3.15	-.0372	-.0380	-.0307	-.0247	-.0205
3.16	-.0380	-.0374	-.0292	-.0229	-.0188
3.17	-.0385	-.0366	-.0275	-.0211	-.0170
3.18	-.0387	-.0356	-.0257	-.0192	-.0151
3.19	-.0387	-.0343	-.0238	-.0172	-.0131
3.20	-.0384	-.0329	-.0217	-.0151	-.0111
3.21	-.0378	-.0313	-.0196	-.0130	-.0091
3.22	-.0371	-.0295	-.0174	-.0109	-.0071
3.23	-.0360	-.0275	-.0151	-.0087	-.0051
3.24	-.0348	-.0255	-.0129	-.0066	-.0032
3.25	-.0334	-.0233	-.0105	-.0044	-.0012
3.26	-.0318	-.0210	-.0082	-.0023	-.0007
3.27	-.0300	-.0187	-.0059	-.0003	-.0025
3.28	-.0280	-.0163	-.0036	-.0017	-.0042
3.29	-.0260	-.0138	-.0014	-.0036	-.0059
3.30	-.0238	-.0114	.0008	.0055	.0075
3.31	-.0215	-.0089	.0029	.0073	.0090
3.32	-.0191	-.0064	.0050	.0089	.0104
3.33	-.0167	-.0040	.0069	.0105	.0117
3.34	-.0143	-.0016	.0088	.0119	.0129
3.35	-.0118	.0008	.0105	.0132	.0140
3.36	-.0092	.0030	.0121	.0144	.0149
3.37	-.0068	.0052	.0136	.0155	.0157
3.38	-.0045	.0073	.0150	.0164	.0164
3.39	-.0018	.0093	.0162	.0172	.0169
3.40	.0005	.0112	.0173	.0179	.0173
3.41	.0028	.0129	.0182	.0184	.0176
3.42	.0051	.0145	.0190	.0188	.0178
3.43	.0072	.0160	.0196	.0190	.0178
3.44	.0092	.0173	.0201	.0191	.0178
3.45	.0111	.0184	.0204	.0191	.0176
3.46	.0129	.0194	.0206	.0190	.0173
3.47	.0145	.0203	.0206	.0187	.0168
3.48	.0160	.0210	.0205	.0183	.0163
3.49	.0173	.0215	.0203	.0178	.0157
3.50	.0185	.0218	.0200	.0173	.0150
3.51	.0195	.0221	.0195	.0165	.0142
3.52	.0204	.0221	.0189	.0157	.0133
3.53	.0211	.0220	.0182	.0148	.0124
3.54	.0217	.0218	.0173	.0138	.0114
3.55	.0220	.0214	.0164	.0128	.0104
3.56	.0223	.0209	.0154	.0117	.0093
3.57	.0223	.0202	.0144	.0106	.0082
3.58	.0222	.0195	.0132	.0094	.0071
3.59	.0220	.0186	.0120	.0082	.0060
3.60	.0216	.0176	.0108	.0070	.0048
3.61	.0211	.0166	.0095	.0058	.0037
3.62	.0205	.0154	.0082	.0045	.0025
3.63	.0197	.0142	.0069	.0033	.0014
3.64	.0189	.0129	.0055	.0021	.0003
3.65	.0179	.0116	.0042	.0009	.0008
3.66	.0168	.0102	.0029	-.0003	.0018
3.67	.0157	.0086	.0016	.0014	.0028
3.68	.0145	.0074	.0003	.0025	.0038
3.69	.0132	.0060	-.0009	-.0036	.0047
3.70	.0119	.0046	-.0022	-.0046	.0055
3.71	.0105	.0031	-.0033	-.0055	.0063
3.72	.0091	.0017	-.0044	-.0064	.0070
3.73	.0077	.0004	-.0054	-.0072	.0077
3.74	.0062	-.0010	-.0064	-.0079	.0083
3.75	.0048	-.0022	-.0073	-.0086	-.0088

$W_9(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.75	- .0208	- .0096	.0053	.0174	.0173
3.76	- .0198	- .0080	.0068	.0179	.0164
3.77	- .0186	- .0063	.0081	.0182	.0153
3.78	- .0174	- .0047	.0094	.0183	.0142
3.79	- .0161	- .0031	.0106	.0184	.0131
3.80	- .0147	- .0015	.0116	.0185	.0118
3.81	- .0133	- .0001	.0126	.0181	.0106
3.82	- .0118	- .0016	.0135	.0178	.0093
3.83	- .0102	- .0031	.0142	.0174	.0079
3.84	- .0087	- .0045	.0148	.0168	.0066
3.85	- .0071	.0058	.0153	.0162	.0052
3.86	- .0055	.0070	.0157	.0155	.0039
3.87	- .0040	.0082	.0160	.0147	.0026
3.88	- .0024	.0093	.0161	.0138	.0012
3.89	- .0009	.0103	.0163	.0126	.0000
3.90	.0006	.0112	.0161	.0118	- .0013
3.91	.0020	.0120	.0159	.0108	- .0025
3.92	.0034	.0127	.0156	.0097	- .0037
3.93	.0047	.0133	.0153	.0085	- .0048
3.94	.0060	.0137	.0148	.0074	- .0058
3.95	.0071	.0141	.0142	.0062	- .0068
3.96	.0082	.0144	.0136	.0050	- .0077
3.97	.0093	.0145	.0129	.0038	- .0085
3.98	.0102	.0146	.0121	.0026	- .0092
3.99	.0110	.0146	.0113	.0015	- .0099
4.00	.0117	.0144	.0104	.0003	- .0104
4.01	.0124	.0142	.0095	.0008	- .0109
4.02	.0129	.0139	.0085	.0019	- .0113
4.03	.0133	.0135	.0075	.0029	- .0116
4.04	.0136	.0130	.0065	.0039	- .0119
4.05	.0139	.0124	.0055	.0048	- .0120
4.06	.0140	.0118	.0044	.0057	- .0120
4.07	.0140	.0111	.0034	.0065	- .0120
4.08	.0139	.0104	.0023	.0072	- .0119
4.09	.0138	.0096	.0013	.0079	- .0117
4.10	.0135	.0088	.0003	.0085	- .0115
4.11	.0132	.0079	.0007	.0090	- .0111
4.12	.0128	.0070	.0016	.0095	- .0107
4.13	.0123	.0061	.0025	.0099	- .0103
4.14	.0118	.0052	.0034	.0101	- .0098
4.15	.0111	.0042	.0042	.0104	- .0098
4.16	.0105	.0033	.0050	.0105	- .0086
4.17	.0097	.0023	.0057	.0106	- .0079
4.18	.0090	.0014	.0063	.0106	- .0073
4.19	.0082	.0005	.0069	.0105	- .0065
4.20	.0073	- .0004	.0075	.0104	- .0058
4.21	.0064	- .0013	.0079	.0102	- .0050
4.22	.0056	- .0021	.0083	.0099	- .0043
4.23	.0047	- .0029	.0087	.0096	- .0035
4.24	.0038	- .0036	.0089	.0092	- .0027
4.25	.0028	- .0043	.0091	.0087	- .0019
4.26	.0019	- .0050	.0092	.0083	- .0018
4.27	.0011	- .0056	.0093	.0077	- .0004
4.28	.0002	- .0061	.0093	.0072	- .0003
4.29	- .0007	- .0066	.0093	.0066	.0010
4.30	- .0015	- .0071	.0091	.0060	.0017
4.31	- .0023	- .0074	.0089	.0053	.0024
4.32	- .0030	- .0077	.0087	.0047	.0030
4.33	- .0037	- .0080	.0084	.0040	.0036
4.34	- .0044	- .0082	.0081	.0033	.0041
4.35	- .0050	- .0085	.0077	.0026	.0046
4.36	- .0055	- .0084	.0073	.0019	.0050
4.37	- .0060	- .0084	.0068	.0013	.0054
4.38	- .0065	- .0084	.0063	.0006	.0058
4.39	- .0069	- .0083	.0058	.0001	.0061
4.40	- .0072	- .0081	.0052	.007	.0064
4.41	- .0075	- .0079	.0047	.0013	.0066
4.42	- .0077	- .0077	.0041	.0019	.0067
4.43	- .0079	- .0074	.0035	.0024	.0069
4.44	- .0080	- .0070	.0029	.0030	.0069
4.45	- .0081	- .0067	.0023	.0034	.0069
4.46	- .0081	- .0062	.0017	.0039	.0069
4.47	- .0080	- .0058	.0011	.0043	.0068
4.48	- .0079	- .0053	.0005	.0047	.0067
4.49	- .0077	- .0049	.0000	.0050	.0065
4.50	- .0075	- .0044	.0006	.0053	.0063

$W_3(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
3.75	.0048	-.0022	-.0073	-.0086	-.0088
3.76	.0033	-.0035	-.0081	-.0091	-.0092
3.77	.0019	-.0047	-.0089	-.0096	-.0096
3.78	.0005	-.0058	-.0096	-.0101	-.0098
3.79	-.0008	-.0068	-.0101	-.0104	-.0101
3.80	-.0021	-.0078	-.0106	-.0107	-.0102
3.81	-.0034	-.0087	-.0111	-.0109	-.0103
3.82	-.0046	-.0095	-.0114	-.0110	-.0103
3.83	-.0057	-.0102	-.0116	-.0110	-.0102
3.84	-.0068	-.0108	-.0118	-.0110	-.0100
3.85	-.0078	-.0114	-.0119	-.0109	-.0098
3.86	-.0087	-.0118	-.0119	-.0107	-.0096
3.87	-.0095	-.0122	-.0118	-.0104	-.0092
3.88	-.0102	-.0125	-.0116	-.0101	-.0089
3.89	-.0109	-.0126	-.0114	-.0097	-.0085
3.90	-.0114	-.0127	-.0111	-.0093	-.0080
3.91	-.0119	-.0127	-.0107	-.0088	-.0075
3.92	-.0123	-.0126	-.0103	-.0083	-.0069
3.93	-.0126	-.0124	-.0098	-.0077	-.0064
3.94	-.0127	-.0122	-.0092	-.0071	-.0058
3.95	-.0128	-.0119	-.0086	-.0065	-.0051
3.96	-.0128	-.0115	-.0080	-.0058	-.0045
3.97	-.0128	-.0110	-.0074	-.0052	-.0038
3.98	-.0126	-.0105	-.0067	-.0045	-.0032
3.99	-.0124	-.0099	-.0059	-.0038	-.0025
4.00	-.0120	-.0093	-.0052	-.0030	-.0018
4.01	-.0116	-.0086	-.0044	-.0023	-.0012
4.02	-.0112	-.0079	-.0037	-.0016	-.0005
4.03	-.0107	-.0071	-.0029	-.0009	.0001
4.04	-.0101	-.0064	-.0021	-.0002	.0007
4.05	-.0094	-.0056	-.0014	.0004	.0013
4.06	-.0088	-.0048	-.0006	.0011	.0018
4.07	-.0081	-.0040	-.0001	.0017	.0024
4.08	-.0073	-.0031	.0008	.0083	.0029
4.09	-.0065	-.0023	.0015	.0028	.0034
4.10	-.0057	-.0015	.0021	.0034	.0038
4.11	-.0049	-.0007	.0028	.0038	.0042
4.12	-.0041	.0001	.0034	.0043	.0046
4.13	-.0033	.0008	.0039	.0047	.0049
4.14	-.0024	.0016	.0044	.0051	.0052
4.15	-.0016	.0023	.0049	.0054	.0054
4.16	-.0008	.0029	.0053	.0057	.0056
4.17	.0000	.0036	.0056	.0059	.0057
4.18	.0008	.0042	.0050	.0061	.0058
4.19	.0015	.0047	.0062	.0062	.0059
4.20	.0022	.0052	.0065	.0063	.0059
4.21	.0029	.0056	.0066	.0063	.0059
4.22	.0035	.0060	.0068	.0063	.0058
4.23	.0041	.0064	.0068	.0063	.0057
4.24	.0047	.0067	.0069	.0062	.0056
4.25	.0052	.0069	.0068	.0061	.0054
4.26	.0056	.0071	.0068	.0059	.0053
4.27	.0060	.0072	.0066	.0057	.0050
4.28	.0064	.0073	.0065	.0055	.0048
4.29	.0067	.0073	.0063	.0053	.0045
4.30	.0070	.0073	.0061	.0050	.0042
4.31	.0071	.0072	.0058	.0047	.0039
4.32	.0073	.0071	.0055	.0043	.0035
4.33	.0074	.0070	.0052	.0040	.0032
4.34	.0074	.0067	.0048	.0036	.0028
4.35	.0074	.0065	.0045	.0032	.0024
4.36	.0073	.0062	.0041	.0028	.0021
4.37	.0072	.0059	.0037	.0024	.0017
4.38	.0070	.0056	.0033	.0020	.0013
4.39	.0068	.0052	.0028	.0016	.0009
4.40	.0066	.0048	.0024	.0012	.0005
4.41	.0063	.0044	.0019	.0008	.0002
4.42	.0060	.0039	.0015	.0004	-.0002
4.43	.0057	.0035	.0011	.0000	-.0005
4.44	.0053	.0030	.0006	-.0004	-.0009
4.45	.0049	.0026	.0002	-.0008	-.0012
4.46	.0045	.0021	-.0002	-.0011	-.0015
4.47	.0040	.0016	-.0006	-.0014	-.0018
4.48	.0036	.0012	-.0010	-.0018	-.0020
4.49	.0031	.0007	-.0014	-.0020	-.0023
4.50	.0026	.0002	-.0017	-.0023	-.0025

$W_9(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
4.50	-.0075	-.0044	.0006	.0053	.0063
4.51	-.0070	-.0038	.0011	.0055	.0061
4.52	-.0070	-.0033	.0016	.0057	.0058
4.53	-.0066	-.0028	.0021	.0059	.0055
4.54	-.0063	-.0023	.0026	.0060	.0052
4.55	-.0059	-.0017	.0030	.0061	.0048
4.56	-.0054	-.0011	.0034	.0061	.0044
4.57	-.0050	-.0006	.0038	.0061	.0040
4.58	-.0045	-.0001	.0041	.0060	.0036
4.59	-.0040	.0004	.0044	.0059	.0038
4.60	-.0035	.0009	.0047	.0058	.0027
4.61	-.0030	.0014	.0049	.0056	.0033
4.62	-.0025	.0018	.0050	.0054	.0018
4.63	-.0020	.0022	.0052	.0052	.0014
4.64	-.0014	.0026	.0053	.0049	.0010
4.65	-.0009	.0030	.0053	.0046	.0005
4.66	-.0004	.0033	.0054	.0043	.0001
4.67	-.0001	.0036	.0053	.0040	-.0003
4.68	.0006	.0039	.0053	.0037	-.0007
4.69	.0010	.0041	.0052	.0033	-.0011
4.70	.0015	.0044	.0051	.0029	-.0015
4.71	.0019	.0045	.0049	.0025	-.0018
4.72	.0023	.0046	.0048	.0021	-.0022
4.73	.0026	.0047	.0046	.0017	-.0025
4.74	.0030	.0048	.0043	.0014	-.0027
4.75	.0033	.0048	.0041	.0010	-.0030
4.76	.0036	.0048	.0038	.0006	-.0032
4.77	.0038	.0048	.0035	.0002	-.0034
4.78	.0040	.0047	.0032	.0002	-.0036
4.79	.0042	.0046	.0029	.0005	-.0037
4.80	.0044	.0045	.0026	-.0009	-.0038
4.81	.0045	.0043	.0022	-.0012	-.0039
4.82	.0046	.0042	.0019	-.0015	-.0040
4.83	.0046	.0040	.0015	-.0016	-.0040
4.84	.0046	.0037	.0012	-.0021	-.0040
4.85	.0046	.0035	.0009	-.0023	-.0040
4.86	.0046	.0032	.0005	-.0026	-.0039
4.87	.0045	.0030	.0002	-.0028	-.0038
4.88	.0044	.0027	-.0001	-.0029	-.0037
4.89	.0043	.0024	-.0005	-.0031	-.0036
4.90	.0041	.0021	-.0008	-.0032	-.0034
4.91	.0039	.0018	-.0011	-.0033	-.0033
4.92	.0037	.0015	-.0013	-.0034	-.0031
4.93	.0035	.0012	-.0016	-.0035	-.0029
4.94	.0033	.0008	-.0018	-.0035	-.0027
4.95	.0030	.0005	-.0020	-.0035	-.0025
4.96	.0028	-.0002	-.0022	-.0035	-.0022
4.97	.0025	-.0001	-.0024	-.0034	-.0020
4.98	.0022	-.0003	-.0026	-.0034	-.0017
4.99	.0019	-.0006	-.0027	-.0033	-.0015
5.00	.0016	-.0009	-.0026	-.0032	-.0012

$W_3(x, r)$

$x \setminus r$	3.0	4.0	6.0	8.0	10.0
4.50	.0026	-.0002	-.0017	-.0023	-.0025
4.51	.0022	-.0002	-.0021	-.0026	-.0027
4.52	.0017	-.0006	-.0024	-.0028	-.0029
4.53	.0012	-.0011	-.0026	-.0030	-.0030
4.54	.0007	-.0015	-.0029	-.0032	-.0031
4.55	.0003	-.0018	-.0031	-.0033	-.0032
4.56	-.0002	-.0022	-.0033	-.0034	-.0033
4.57	-.0006	-.0025	-.0035	-.0035	-.0034
4.58	-.0010	-.0028	-.0036	-.0036	-.0034
4.59	-.0014	-.0031	-.0038	-.0036	-.0034
4.60	-.0018	-.0033	-.0038	-.0037	-.0034
4.61	-.0022	-.0035	-.0039	-.0036	-.0033
4.62	-.0025	-.0037	-.0039	-.0036	-.0033
4.63	-.0028	-.0039	-.0039	-.0036	-.0032
4.64	-.0031	-.0040	-.0039	-.0035	-.0031
4.65	-.0033	-.0041	-.0039	-.0034	-.0030
4.66	-.0036	-.0042	-.0038	-.0033	-.0028
4.67	-.0038	-.0042	-.0037	-.0031	-.0027
4.68	-.0039	-.0042	-.0036	-.0030	-.0025
4.69	-.0040	-.0042	-.0034	-.0028	-.0023
4.70	-.0041	-.0041	-.0033	-.0026	-.0022
4.71	-.0042	-.0041	-.0031	-.0024	-.0020
4.72	-.0043	-.0040	-.0029	-.0022	-.0018
4.73	-.0043	-.0038	-.0027	-.0020	-.0015
4.74	-.0042	-.0037	-.0025	-.0018	-.0013
4.75	-.0042	-.0035	-.0023	-.0015	-.0011
4.76	-.0041	-.0033	-.0020	-.0013	-.0009
4.77	-.0040	-.0031	-.0018	-.0011	-.0007
4.78	-.0039	-.0029	-.0015	-.0008	-.0004
4.79	-.0037	-.0027	-.0013	-.0006	-.0002
4.80	-.0036	-.0024	-.0010	-.0004	.0000
4.81	-.0034	-.0022	-.0008	-.0001	.0002
4.82	-.0032	-.0019	-.0005	.0001	.0004
4.83	-.0030	-.0016	-.0003	.0003	.0006
4.84	-.0027	-.0014	-.0000	.0005	.0007
4.85	-.0025	-.0011	.0002	.0007	.0009
4.86	-.0022	-.0008	.0004	.0009	.0011
4.87	-.0020	-.0006	.0007	.0011	.0012
4.88	-.0017	-.0005	.0009	.0012	.0014
4.89	-.0014	.0000	.0011	.0014	.0015
4.90	-.0011	.0002	.0012	.0015	.0016
4.91	-.0009	.0005	.0014	.0016	.0017
4.92	-.0006	.0007	.0016	.0018	.0018
4.93	-.0003	.0009	.0017	.0019	.0018
4.94	-.0001	.0011	.0018	.0019	.0019
4.95	.0002	.0013	.0020	.0020	.0019
4.96	.0004	.0015	.0020	.0020	.0019
4.97	.0007	.0017	.0021	.0021	.0020
4.98	.0009	.0018	.0022	.0021	.0020
4.99	.0011	.0020	.0022	.0021	.0019
5.00	.0013	.0021	.0023	.0021	.0019

W₁₀(x, r)

X \ T	1	1.1	1.25	1.5	2.0
.00	.500000000	4.79981735	9.36912482	13.98250395	17.98702875
.01	.99068019	5.09377113	9.22102834	13.07393059	15.97336238
.02	1.46792053	5.35028748	9.03012939	12.15956417	14.06922603
.03	1.92840318	5.56811918	8.79861952	11.24389286	12.27505316
.04	2.36900565	5.74669420	8.52892439	10.33131134	10.59087042
.05	2.786682225	5.88551496	8.22368104	9.42610039	9.01632224
.06	3.17918323	5.98445490	7.88571391	8.53239579	7.55066746
.07	3.54367150	6.04369270	7.51800999	7.55416750	6.19278999
.08	3.87813689	6.06370406	7.12369314	6.79519688	4.94120956
.09	4.18070782	6.04525129	6.70599795	5.95905620	3.79409437
.10	4.44980041	5.98937080	6.26824327	5.14908998	2.74927556
.11	4.68412496	5.89735861	5.81380573	4.36839826	1.80426352
.12	4.88268987	5.77075415	5.34609333	3.61982180	9.56265563
.13	5.04480894	5.61132241	4.26851941	2.90592995	.80820579
.14	5.17007024	5.48103471	4.38447721	2.2900939	-.46125486
.15	5.25839249	5.20204827	3.89731507	1.59105673	-1.03769615
.16	5.30995906	4.95668475	3.41031271	.93727211	-1.53091554
.17	5.32523983	4.68740796	2.92665843	4.38555552	-1.94490446
.18	5.30497485	4.39680100	2.44942772	-.07349478	-2.28382351
.19	5.25016206	4.08754300	1.98156316	-.54168165	-2.55197724
.20	5.16204318	3.76238559	1.52585587	-.96520530	-2.75378857
.21	5.04208796	3.42412949	1.06492857	-.134416351	-2.89377290
.22	4.89197689	3.07560117	.66128047	-.167853485	-2.97651226
.23	4.71358272	2.71962897	.25697590	-.1968686003	-3.00662955
.24	4.50895071	2.35902573	-.12577765	-.221522643	-2.98876307
.25	4.28027810	1.99655721	-.48521822	-.241905704	-2.92754156
.26	4.02898276	1.63493130	-.81975787	-.258129676	-2.82755978
.27	3.76023133	1.27677335	-.112803803	-.270329746	-2.69335497
.28	3.47381706	9.8460862	-.140893538	-.278662164	-2.52938413
.29	3.17323748	5.8084506	-.166156331	-.283302509	-2.34000240
.30	2.86112204	.24775746	-.188527253	-.2844443860	-2.18944262
.31	2.54012017	-.07252693	-.207964849	-.282294890	-1.90179612
.32	2.21287949	-.37804117	-.224450799	-.270777892	-1.66099501
.33	1.88802484	-.56698977	-.37989372	-.869026771	-1.41079583
.34	1.55013787	-.93775817	-.248606721	-.258385002	-1.15476486
.35	1.81973758	-.118892047	-.256350032	-.845403576	-.89626499
.36	.89326190	-.141924563	-.2612866523	-.2303388951	-.63844431
.37	.57305035	-.162770117	-.263502323	-.213451020	-.38428634
.38	.261328802	-.181345679	-.283101210	-.195001121	-.15630216
.39	-.03980910	-.197588425	-.260803361	-.175250086	1.0887593
.40	-.32840742	-.211455702	-.254943784	-.154456359	3.3109883
.41	-.108656744	-.222924788	-.247470698	-.1382874183	5.4640335
.42	-.85095391	-.231992488	-.237944465	-.110751884	7.4707329
.43	-.110180440	-.238674603	-.226535388	-.883302841	9.3163877
.44	-.132393624	-.243005842	-.213422352	-.65840970	1.09887397
.45	-.158625173	-.245036021	-.190791098	-.43505326	1.24779333
.46	-.170784180	-.244835131	-.182832539	-.21532819	1.37764620
.47	-.186798800	-.242486306	-.165741091	-.00120074	1.48791014
.48	-.200616283	-.238087690	-.147713087	-.205501687	1.57888288
.49	-.21280861	-.631750621	-.128944860	-.40310020	1.648667306
.50	-.2.21543475	-.223598342	-.109631779	.59006982	1.69918982
.51	-.2.08641360	-.813764654	-.899661635	.76504727	1.73013142
.52	-.833517497	-.202392519	-.70136006	.92683451	1.74197294
.53	-.2.32059284	-.1.89632634	-.50323828	1.07440189	1.73535318
.54	-.2.36774945	-.1.75641976	-.30705120	1.06868979	1.71106092
.55	-.2.35276209	-.1.60582345	-.11447303	1.32360888	1.67002067
.56	-.2.31903708	-.1.44618908	-.07291381	1.42403893	1.61227787
.57	-.2.26458672	-.1.27918755	-.25362846	1.50782650	1.54198399
.58	-.2.193338397	-.1.10649483	-.42630019	1.57478125	1.45738126
.59	-.2.10563008	-.98977624	-.58967591	1.62487116	1.36078746
.60	-.2.00274137	-.75068309	-.74262640	1.65821667	1.25358074
.61	-.1.88603548	-.57081995	-.88415144	1.67508372	1.13718460
.62	-.1.75695216	-.39175264	1.01338367	1.675687596	1.01305309
.63	-.1.61701978	-.21498681	1.12959126	1.66112612	.882656554
.64	-.1.46775119	-.04195949	1.233217941	1.63148655	.74746757
.65	-.1.31072549	-.1.2597056	1.32069068	1.58771928	.60894783
.66	-.1.14752486	-.28753185	1.39480416	1.53068513	.46853525
.67	-.97973154	-.44154677	1.454533362	1.46133329	.32763214
.68	-.80891485	-.58694046	1.49922456	1.38068938	.18759397
.69	-.636661873	-.72274438	1.529555023	1.28984414	.04971904
.70	-.46434991	-.84810208	1.54550688	1.18994167	-.08476091
.71	-.29356664	-.96227250	1.54740796	1.08216766	-.21468927
.72	-.12566825	1.06463253	1.53567768	9.6773771	-.32099202
.73	-.03801459	1.15467851	1.51084378	8.4788579	-.45668427
.74	-.19622670	1.232028666	1.47352971	7.2385298	-.56687575
.75	3.4780630	1.29641252	1.42444627	5.9687685	-.66877536

$W_{10}(x, r)$

X \ Y	3.0	4.0	6.0	8.0	10.0
.00	1948557159	1895312500	1717194371	1560606763	1435278773
.01	1642935499	1567903402	1388039307	1246973465	1138910681
.02	1378911193	1276082223	1099690924	974530354	882751621
.03	1134072607	1017416462	848757244	739573590	663027767
.04	914021560	789559847	632026029	538622635	476208179
.05	717375688	590252528	446459896	368412119	318994790
.06	542770804	417321189	289191460	225885847	188312637
.07	388863247	268679096	157518492	108178962	81300325
.08	254332203	1428326055	48899103	12630239	-04699281
.09	137881989	36348285	-39053063	-63245482	-72148137
.10	38244294	-51081809	-108573624	-121754731	-123321892
.11	-45819651	-121705975	-161752245	-165034719	-160318540
.12	-115516978	-177180550	-200537421	-195060521	-185066881
.13	-172021165	-219077023	-226741252	-213652144	-199334763
.14	-216470127	-246682716	-242044226	-222481474	-204737145
.15	-249964415	-268001595	-247999989	-223079105	-202743956
.16	-273565539	-277755208	-246040122	-216841055	-194687763
.17	-248294419	-279383758	-237478915	-205035370	-181771260
.18	-295129978	-274047311	-223518134	-188808604	-165074562
.19	-295007890	-262827137	-205251789	-169192197	-145562317
.20	-288819484	-246727199	-183670892	-147108724	-124090637
.21	-277410805	-226675761	-159668198	-123378036	-101413840
.22	-261581859	-203527145	-134042943	-98723271	-78191012
.23	-242086025	-178063610	-107505548	-73716753	-54998383
.24	-219629641	-150997367	-80682311	-49085755	-32305517
.25	-194871785	-122972704	-54120057	-25118137	-10541317
.26	-168424220	-94568243	-28290755	-02267853	-09960156
.27	-140851537	-66299297	-03596092	-19139689	-28984065
.28	-112671465	-38620337	-19628005	-38842397	-46135352
.29	-84355367	-11927548	-41106914	-56636419	-61433506
.30	-56328906	13438519	60622918	.72371217	.74707512
.31	-28972881	37190234	78010884	.85944796	.85891007
.32	-02624228	59090086	93154034	.97299094	.94957631
.33	22422827	78947849	105979794	106415536	1.01916583
.34	45915466	96617684	116455751	113310755	1.06808376
.35	67640833	111995219	124585713	118032498	1.09700803
.36	87424462	125014603	130405892	120655690	1.10685102
.37	1.05128589	135645549	133981195	121278699	1.09872335
.38	120650348	143890383	135401662	120019772	1.07389968
.39	133919880	149781105	134779031	117013661	1.03378662
.40	144898349	153376475	132243449	112408445	.97989874
.41	153757893	154759141	127940333	106362534	.91380058
.42	159969512	154032811	122027385	99041870	.83714076
.43	164120914	151319491	114671769	90617322	.75155814
.44	166094325	146756678	106047450	81262274	.65873992
.45	165974279	140495305	96332700	.71150401	.56029582
.46	163863410	132696115	85707781	.60453647	.45784011
.47	159802336	123528343	74352787	.49340380	.35892567
.48	154156976	113166853	62445676	.37973746	.24703981
.49	146837392	101790057	50160462	.26510199	.14159198
.50	138074668	.89577841	37665598	.15098217	.03790317
.51	128029359	.76709623	25122490	.03877192	.06280285
.52	116867385	.63362543	12684274	.07023507	.15940688
.53	1.04758120	.49709797	.00494641	.17485311	.25089976
.54	.91872545	.35919108	-.11313079	.27401057	.33638666
.55	.78381510	.22151345	-.22616713	-.36675452	-.41508969
.56	.64454065	.08559284	-.33305873	-.45225383	-.48634935
.57	.50256024	-.04713476	-.43282432	-.52980094	-.54962463
.58	.35948335	-.17533465	-.52460862	-.59881289	-.60449196
.59	.21685977	-.29778128	-.60768423	-.65882750	-.65064307
.60	.07616666	-.41336487	-.68145225	-.70950750	-.68788188
.61	-.06120179	-.52109648	-.74544165	-.75063149	-.71612045
.62	-.19394386	-.62011180	-.79930745	-.78209303	-.73537418
.63	-.32085825	-.79967356	-.84282787	-.80389525	-.74575618
.64	-.44085094	-.78917268	-.87590040	-.81614520	-.74747117
.65	-.55294077	-.85812816	-.89853700	-.81904764	-.74080866
.66	-.65626364	-.91618590	-.91085854	-.81289814	-.78613586
.67	-.75007562	-.96311633	-.91308838	-.79807572	-.70389010
.68	-.83375475	-.99881107	-.90554544	-.77503509	-.67457103
.69	-.90680172	-.102327863	-.88863664	-.74429855	-.63873263
.70	-.96883947	-.103663928	-.86284897	-.70644768	-.59697509
.71	-.101961161	-.10391913	-.88874111	-.66211483	-.54993668
.72	-.105897999	-.103104346	-.78693483	-.61197463	-.49828565
.73	-.108692120	-.101282957	-.73810625	-.55673543	-.44271220
.74	-.110353225	-.98497899	-.68297686	-.49713087	-.38392070
.75	-.110897546	-.94806938	-.52230472	-.43391157	-.32862209

W₁₀(x, r)

X	r	1	1.1	1.25	1.5	2.0
.75		34780630	129641252	142444627	59687625	- .66877536
.76		49167809	134768947	136438276	46817847	- .76169456
.77		82684924	138582624	129419775	33895774	- .84504988
.78		75246445	141090360	121480966	21037816	- .91836437
.79		86775203	142311028	112718698	08356085	- .98126806
.80		97205687	142273771	103233854	- .04042431	- 1.03349754
.81		106483656	141017503	91310363	- 16056628	- 1.07489460
.82		114566236	138590280	82514232	- 27591956	- 1.10540398
.83		121421933	135048347	71492564	- 38561033	- 1.12507041
.84		127030540	130456001	60172633	- 48884158	- 1.13403475
.85		131382966	124884216	48660959	- 58489758	- 1.13858955
.86		134480964	118410134	37062429	- 67314738	- 1.18087394
.87		136336798	111116170	25479462	- 75304758	- 1.09467788
.88		136972781	103089159	14011211	- 82414423	- 1.06878604
.89		136420849	94419492	62752836	- 88667388	- 1.08937110
.90		134721937	.85200249	- .082005229	- 93856388	- .98182679
.91		131925392	.75526332	- 18777804	- 98143185	- .92681058
.92		128088301	.65493612	- 28685617	- 101458445	- .86502619
.93		123274775	.55198095	- 38455748	- 103801537	- .79721591
.94		117555200	.44735112	- 47422066	- 105180271	- .72415286
.95		1111005459	.34198532	- 55725579	- 105610569	- .64663325
.96		103706126	.23680021	- 63314780	- 105116074	- .56546865
.97		95741651	.138683236	- 70145557	- 103727714	- .48147846
.98		87199535	.03048665	- 76181935	- 101483811	- .39548244
.99		78169505	- .06897980	- 81395546	- 98426547	- .30829357
1.00		68742690	- .16495326	- .85765933	- 94607400	- 28071180
1.01		59010819	- .85672330	- 89280427	- 90080541	- 13351445
1.02		49065431	- .43463626	- 91934019	- 84905214	- 04745609
1.03		38997118	- .42509903	- 93729170	- 79144468	- 03674323
1.04		38894764	- .50058233	- 94675572	- 72864606	- 11840026
1.05		18844910	- .56962277	- 94789841	- 66134320	19687389
1.06		88931036	- .53182576	- 94095176	- 59024230	271566951
1.07		- .0767015	- .6868658	- 92620967	- 51606121	34194269
1.08		- 10173610	- .73448771	- 90402347	- 43952317	40750244
1.09		- 19217832	- .77450648	- 87479743	- 36135048	46781379
1.10		- .87833933	- .80680663	- .83898364	- 80285832	52249991
1.11		- .35961737	- .83134158	- .79707678	- 80294890	57184362
1.12		- .43546976	- .84813148	- .74960869	- 12410585	51378833
1.13		- .50541570	- .85726130	- .69714276	- 04638890	54993844
1.14		- .56903848	- .85887817	- .64026624	- 82957095	679555925
1.15		- .62598709	- .85318828	- .57959444	- 10317607	.70357627
1.16		- .67597716	- .84045337	- .51574505	- 74386620	.71897410
1.17		- .71679144	- .82098695	- .44935241	- 24112214	.72879479
1.18		- .75427957	- .79515005	- .38105192	- 30446902	.73813583
1.19		- .78235741	- .76334688	- .31147656	- 36347895	.78914764
1.20		- .80300575	- .72601986	- .84125161	- 41777332	.78003070
1.21		- .816269	- .683645	- 170990	- 467025	.705032
1.22		- .822251	- .635728	- 101286	- 510957	.684444
1.23		- .821115	- .585796	- 032713	- 549350	.658595
1.24		- .813081	- .531396	- 034183	- 582033	.627852
1.25		- .798417	- .474088	- .98884	- 508898	.592612
1.26		- .777442	- .414439	- 160907	- 629864	.553301
1.27		- .750517	- .353020	- 219807	- 644938	.510366
1.28		- .718044	- .290402	- 878176	- 654153	.464272
1.29		- .680458	- .227146	- 326648	- 557599	.415499
1.30		- .638226	- .163803	- 373902	- 555408	.364535
1.31		- .591840	- .100910	- 416661	- 547759	.311875
1.32		- .541811	- .038984	- 454693	- 534872	.288012
1.33		- .488669	- .021482	- 487815	- 517003	.203435
1.34		- .432950	- .080021	- 515888	- 594445	.148689
1.35		- .375200	- .136197	- 538822	- 567521	.094063
1.36		- .315965	- .189605	- 556570	- 536583	.040192
1.37		- .255787	- .239877	- 569134	- 502004	.012546
1.38		- .195199	- .286679	- 576555	- 464180	.063737
1.39		- .134784	- .329720	- 578921	- 423522	.112992
1.40		- .074867	- .368746	- 576357	- 380452	.159948
1.41		- .016115	- .403546	- 569026	- 335403	.204272
1.42		- .041070	- .433950	- 557127	- 288809	.245665
1.43		- .096253	- .459828	- 540893	- 241108	.283857
1.44		- .149027	- .481097	- 520584	- 192732	.318615
1.45		199019	497710	496491	144108	.349743
1.46		245889	509664	468922	595653	.371080
1.47		289334	516993	438214	547770	.400500
1.48		329088	519768	404713	500847	.419914
1.49		364921	518102	368785	- 544749	.435270
1.50		396650	512139	330802	- 088666	- 446554

$W_{10}(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
.75	-110897546	-94806932	-62230472	-43391157	-32262209
.76	-110357256	-90274577	-55687554	-36783711	-25952655
.77	-108769828	-84971235	-48745398	-29966817	-19533659
.78	-106182317	-78972297	-41497517	-23015913	-13074043
.79	-102649618	-72357347	-34013647	-16005099	-06640589
.80	-982333662	-65208755	-26378952	-09006470	-00297464
.81	-93002592	-57611788	-1867276	-02089502	-05894292
.82	-87029918	-49652732	-10974431	-04679514	-11877246
.83	-80393645	-41418534	-03357536	-11237994	-17597976
.84	-73175407	-32995873	-04105593	-17527507	-23007441
.85	-65459592	-24470369	-11347003	-23494188	-28061281
.86	-57332477	-15925825	-18303097	-29089074	-387820071
.87	-4881381	-07443523	-2491079	-34268395	-36949515
.88	-40193836	-00898443	-31129327	-38993794	-40720583
.89	-31356790	.09025768	-36897719	-43232501	-44009600
.90	-28455835	16868492	42177880	46957438	46798276
.91	-13574486	42361486	46933382	50147275	4907236900
.92	-04793495	31444891	51133874	52786432	5082822283
.93	-03809783	38064480	54755156	54865019	520594433
.94	-12161978	44171966	577779194	56378743	537769957
.95	20194222	49725245	60194078	57328748	58967206
.96	27842631	5468574	61993925	57721431	52663238
.97	35048707	59032683	63178738	57568197	51874439
.98	41759694	62734834	63754207	56885199	50621238
.99	47928861	657778812	63731474	55693024	48927785
1.00	53515727	68154863	63126853	54016362	46821605
1.01	58486226	69859575	61961516	51883650	44333233
1.02	62812805	70895707	60261143	49326686	41495843
1.03	66474469	71271971	58035545	46380232	38344851
1.04	69456757	71002764	55378266	43081608	34917525
1.05	.71751673	.70107867	52266159	39470263	31252584
1.06	.73357553	.68612094	48758953	35587359	27389801
1.07	.74278888	.66544924	4489803	31475339	23369608
1.08	.74526095	.63940085	40729836	27177505	19232705
1.09	.74115245	.60835134	36297697	22737602	15019692
1.10	.73067750	.57270999	316849090	18199407	10770695
1.11	.71410013	.53291519	26831331	13606340	.06525027
1.12	.69173047	.48942967	21891902	.09001079	.02320853
1.13	.66392064	.44273565	16878029	.04425204	.01805113
1.14	.63106041	.39333004	11836265	.00081141	.05817899
1.15	.59357268	.34171960	.06812099	-.04479568	-.09684530
1.16	.55190878	.28841619	.01849582	-.08733727	-.13374267
1.17	.50654374	.23393213	-.03009018	-.12809577	-.16858811
1.18	.45797137	.17877567	-.07723542	-.16675612	-.20112485
1.19	.40669948	.12344667	-.122556225	-.20303070	-.23112384
1.20	.35324503	.06843249	-.16571962	-.23666105	-.25838496
1.21	.298129	.014204	-.206385	-.267419	-.288738
1.22	.241873	-.036788	-.244268	-.295109	-.304043
1.23	.184994	-.090115	-.279110	-.319567	-.322191
1.24	.127997	-.139378	-.310685	-.340663	-.337104
1.25	.071378	-.186803	-.338804	-.358299	-.348735
1.26	.015613	-.230251	-.363311	-.372410	-.357066
1.27	.038841	-.271215	-.384090	-.382964	-.362110
1.28	-.091554	-.308823	-.401056	-.389963	-.363908
1.29	-.142119	-.342841	-.414162	-.393438	-.362526
1.30	-.190161	-.373070	-.423397	-.393449	-.358061
1.31	-.235338	-.399352	-.428781	-.390087	-.350629
1.32	-.277341	-.421567	-.430368	-.383468	-.340373
1.33	-.315897	-.439631	-.428245	-.373734	-.327453
1.34	-.350769	-.453502	-.428528	-.361050	-.312051
1.35	-.381761	-.463171	-.413359	-.345608	-.294364
1.36	-.408714	-.468668	-.400908	-.327596	-.274603
1.37	-.431507	-.470058	-.385368	-.307252	-.252993
1.38	-.450059	-.467439	-.366953	-.284807	-.229766
1.39	-.464328	-.460940	-.345898	-.260507	-.205156
1.40	-.474309	-.450720	-.322450	-.234609	-.179437
1.41	-.480033	-.436956	-.296874	-.207377	-.152831
1.42	-.481569	-.419890	-.269444	-.179079	-.125597
1.43	-.479016	-.399725	-.240443	-.149983	-.097985
1.44	-.472508	-.376726	-.210159	-.120359	-.070241
1.45	-.462207	-.351164	-.178883	-.090473	-.042603
1.46	-.448304	-.323324	-.146908	-.060586	-.015306
1.47	-.431015	-.293505	-.114524	-.030952	.011429
1.48	-.410577	-.262010	-.082015	-.001816	.037389
1.49	-.387251	-.229151	-.049662	-.026587	.062373
1.50	-.361309	-.195245	-.017731	.054038	.086195

$W_{10}(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
1.50	.3966	.5121	.3308	-.0886	-.4465
1.51	.4229	.5007	.2904	-.1304	-.4528
1.52	.4459	.4867	.2495	-.1700	-.4560
1.53	.4646	.4691	.2077	-.2070	-.4553
1.54	.4788	.4480	.1653	-.2413	-.4509
1.55	.4886	.4238	.1228	-.2725	-.4128
1.56	.4940	.3967	.0805	-.3006	-.4312
1.57	.4951	.3670	.0387	-.3254	-.4163
1.58	.4980	.3352	-.0028	-.3467	-.3984
1.59	.4848	.3014	-.0419	-.3645	-.3776
1.60	.4738	.2661	-.0801	-.3788	-.3843
1.61	.4591	.2296	-.1165	-.3895	-.3887
1.62	.4410	.1922	-.1509	-.3966	-.3010
1.63	.4198	.1543	-.1831	-.4002	-.2716
1.64	.3956	.1162	-.2128	-.4004	-.2408
1.65	.3688	.0782	-.2398	-.3972	-.2088
1.66	.3397	.0407	-.2641	-.3908	-.1760
1.67	.3085	.0039	-.2854	-.3812	-.1427
1.68	.3057	-.0318	-.3038	-.3688	-.1091
1.69	.3416	-.0663	-.3191	-.3537	-.0755
1.70	.2063	-.0992	-.3312	-.3360	-.0423
1.71	.1704	-.1303	-.3403	-.3160	-.0097
1.72	.1341	-.1594	-.3462	-.2940	-.0221
1.73	.0977	-.1863	-.3490	-.2701	-.0529
1.74	.0616	-.2109	-.3489	-.2447	-.0822
1.75	-.0260	-.2331	-.3458	-.2179	-.1101
1.76	-.0088	-.2526	-.3399	-.1901	-.1363
1.77	-.0425	-.2694	-.3314	-.1615	-.1605
1.78	-.0749	-.2835	-.3803	-.1324	-.1828
1.79	-.1057	-.2948	-.3069	-.1030	-.2029
1.80	-.1345	-.3031	-.2911	-.0737	-.2205
1.81	-.1614	-.3086	-.2734	-.0446	-.3357
1.82	-.1861	-.3113	-.2539	-.0159	-.4886
1.83	-.2087	-.3116	-.2330	-.0120	-.5920
1.84	-.2289	-.3093	-.2107	-.0391	-.6773
1.85	-.2466	-.3044	-.1874	.0650	-.2730
1.86	-.2617	-.2971	-.1651	.0896	-.1762
1.87	-.2742	-.2876	-.1388	.1128	-.1771
1.88	-.2840	-.2759	-.1189	.1344	-.1755
1.89	-.2911	-.2622	-.0873	.1542	-.2718
1.90	-.2956	-.2468	-.0618	.1721	-.2659
1.91	-.2975	-.2297	-.0364	.1881	-.2579
1.92	-.2969	-.2112	-.0116	.2021	-.2480
1.93	-.2937	-.1915	.0127	.2136	-.2364
1.94	-.2882	-.1707	.0362	.2237	-.2231
1.95	-.2805	-.1491	.0586	.2312	-.2083
1.96	-.2706	-.1269	.0800	.2367	-.1922
1.97	-.2587	-.1043	.1000	.2400	-.1750
1.98	-.2450	-.0814	.1186	.2411	-.1568
1.99	-.2297	-.0586	.1357	.2403	-.1378
2.00	-.2129	-.0359	.1511	.2374	-.1182
2.01	-.1948	-.0136	.1649	.2327	-.0983
2.02	-.1756	.0082	.1768	.2261	-.0780
2.03	-.1554	.0293	.1869	.2179	-.0577
2.04	-.1346	.0495	.1952	.2080	-.0375
2.05	-.1132	.0688	.2016	.1967	-.0176
2.06	-.0915	.0869	.2061	.1841	-.0019
2.07	-.0697	.1037	.2088	.1703	-.0208
2.08	-.0479	.1192	.2096	.1555	-.0389
2.09	-.0264	.1332	.2087	.1399	-.0563
2.10	-.0052	.1457	.2060	.1235	-.0726
2.11	.0153	.1566	.2017	.1065	-.0879
2.12	.0352	.1659	.1958	.0892	-.1020
2.13	.0542	.1735	.1885	.0716	-.1148
2.14	.0721	.1795	.1798	.0539	-.1263
2.15	.0890	.1838	.1698	.0363	-.1364
2.16	.1046	.1864	.1587	.0189	-.1451
2.17	.1188	.1873	.1466	.0019	-.1523
2.18	.1317	.1867	.1337	.0147	-.1580
2.19	.1451	.1846	.1199	.0306	-.1623
2.20	.1529	.1809	.1056	.0459	-.1650
2.21	.1612	.1758	.0908	.0603	-.1663
2.22	.1679	.1694	.0757	.0738	-.1662
2.23	.1730	.1618	.0604	.0863	-.1647
2.24	.1765	.1531	.0451	.0976	-.1618
2.25	.1784	.1433	.0298	.1079	-.1577

W₁₀(x, r)

X \ T	3.0	4.0	6.0	8.0	10.0
1.50	- .3613	- 1952	.0177	.0540	.0861
1.51	- .3320	- 1598	.0139	.0805	.1087
1.52	- .3017	- 1248	.0441	.1054	.1297
1.53	- .2698	- .0897	.0732	.1287	.1490
1.54	- .2365	- .0548	1.009	.1503	.1665
1.55	- .2021	- .0204	1.270	1.701	1.822
1.56	- .1669	- .0133	1.514	1.880	1.960
1.57	- .1314	.0460	1.738	2.039	2.077
1.58	- .0957	.0774	1.943	2.176	2.175
1.59	- .0601	1.073	2.125	2.291	2.251
1.60	- .0251	1.355	2.285	2.384	2.307
1.61	.0092	1.618	2.422	2.455	2.342
1.62	.0425	1.860	2.534	2.504	2.357
1.63	.0745	2.080	2.623	2.530	2.351
1.64	1.050	2.277	2.687	2.535	2.327
1.65	1.338	2.450	2.728	2.518	2.283
1.66	1.606	2.597	2.744	2.481	2.222
1.67	1.854	2.719	2.737	2.425	2.144
1.68	2.080	2.815	2.708	2.349	2.050
1.69	2.288	3.685	2.657	2.256	1.941
1.70	2.459	2.929	2.585	2.147	1.820
1.71	2.611	2.947	2.494	2.023	1.686
1.72	2.737	2.941	2.384	1.886	1.542
1.73	2.836	2.910	2.258	1.737	1.389
1.74	2.910	2.855	2.116	1.577	1.229
1.75	2.957	2.779	1.961	1.409	1.063
1.76	2.978	2.681	1.794	1.233	0.893
1.77	2.973	2.565	1.616	1.052	0.720
1.78	2.944	2.429	1.430	0.867	0.546
1.79	2.892	2.278	1.238	0.681	0.372
1.80	2.815	2.111	1.040	0.494	0.200
1.81	2.717	1.931	0.839	0.308	0.031
1.82	2.599	1.741	0.637	0.125	- 0.133
1.83	2.465	1.542	0.435	0.055	- 0.292
1.84	2.314	1.336	0.236	0.228	- 0.444
1.85	2.148	1.125	0.040	0.395	- 0.589
1.86	1.969	0.910	- 0.150	0.554	- 0.724
1.87	1.779	0.694	- 0.335	0.704	- 0.849
1.88	1.579	0.478	- 0.511	0.844	- 0.964
1.89	1.372	0.265	- 0.678	0.974	- 1.068
1.90	1.159	0.055	- 0.834	1.091	- 1.160
1.91	0.943	- 0.149	- 0.979	1.196	- 1.240
1.92	0.725	- 0.346	- 1.113	1.288	- 1.307
1.93	0.507	- 0.535	- 1.233	1.367	- 1.362
1.94	0.292	- 0.714	- 1.339	1.433	- 1.404
1.95	- .0080	- .0882	- 1.431	- 1.484	- 1.433
1.96	- .0127	- 1.037	- 1.509	- 1.522	- 1.449
1.97	- .0326	- 1.180	- 1.572	- 1.547	- 1.453
1.98	- .0517	- 1.309	- 1.621	- 1.557	- 1.445
1.99	- .0699	- 1.423	- 1.654	- 1.555	- 1.425
2.00	- .0869	- 1.522	- 1.673	- 1.539	- 1.394
2.01	- 1.027	- 1.605	- 1.677	- 1.512	- 1.352
2.02	- 1.172	- 1.673	- 1.667	- 1.472	- 1.300
2.03	- 1.303	- 1.725	- 1.644	- 1.422	- 1.239
2.04	- 1.419	- 1.761	- 1.608	- 1.361	- 1.169
2.05	- 1.520	- 1.782	- 1.559	- 1.291	- 1.091
2.06	- 1.606	- 1.787	- 1.499	- 1.212	- 1.007
2.07	- 1.676	- 1.777	- 1.429	- 1.125	- 0.917
2.08	- 1.730	- 1.752	- 1.348	- 1.031	- 0.822
2.09	- 1.767	- 1.714	- 1.258	- 0.932	- 0.723
2.10	- 1.789	- 1.663	- 1.161	- 0.827	- 0.620
2.11	- 1.796	- 1.599	- 1.057	- 0.719	- 0.516
2.12	- 1.787	- 1.524	- 0.947	- 0.608	- 0.410
2.13	- 1.764	- 1.438	- 0.832	- 0.495	- 0.304
2.14	- 1.726	- 1.343	- 0.714	- 0.381	- 0.198
2.15	- 1.676	- 1.239	- 0.593	- 0.268	- 0.094
2.16	- 1.613	- 1.128	- 0.471	- 0.155	- 0.008
2.17	- 1.538	- 1.011	- 0.348	- 0.045	- 0.107
2.18	- 1.452	- 0.889	- 0.227	- 0.063	- 0.203
2.19	- 1.357	- 0.763	- 0.106	- 0.167	- 0.293
2.20	- 1.254	- 0.634	.0011	.0267	.0379
2.21	- 1.143	- 0.504	.0125	.0362	.0459
2.22	- 1.025	- 0.373	.0235	.0450	.0533
2.23	- 0.903	- 0.243	.0340	.0533	.0600
2.24	- 0.776	- 0.115	.0438	.0609	.0661
2.25	- .0647	.0010	.0531	.0677	.0714

$W_{10}(x, r)$

$x \quad r$	1	1.1	1.25	1.5	2.0
2.25	1.784	1.433	.0298	-1.079	-1.577
2.26	1.787	1.326	.0147	-1.169	-1.524
2.27	1.776	1.211	-.0001	-1.247	-1.460
2.28	1.750	1.089	-.0145	-1.312	-1.385
2.29	1.710	.962	-.0283	-1.365	-1.301
2.30	1.657	.830	-.0415	-1.404	-1.808
2.31	1.591	.695	-.0539	-1.431	-1.109
2.32	1.514	.559	-.0654	-1.443	-1.002
2.33	1.426	.422	-.0761	-1.444	-0.890
2.34	1.389	.285	-.0858	-1.438	-0.774
2.35	1.224	.150	-.0945	-1.409	-0.656
2.36	1.113	.017	-.1023	-1.376	-0.535
2.37	0.994	-.0111	-.1089	-1.332	-0.414
2.38	0.871	-.0235	-.1144	-1.278	-0.292
2.39	0.744	-.0353	-.1188	-1.214	-0.172
2.40	.615	-.465	-.1221	-1.143	-0.054
2.41	.485	-.570	-.1243	-1.054	.0068
2.42	.354	-.667	-.1254	-.978	.0173
2.43	.224	-.756	-.1253	-.887	.0280
2.44	.096	-.835	-.1243	-.791	.0381
2.45	-.0029	-.906	-.1222	-.691	.476
2.46	-.0150	-.968	-.1192	-.589	.564
2.47	-.0267	-.1017	-.1152	-.484	.645
2.48	-.0378	-.1058	-.1104	-.378	.718
2.49	-.0482	-.1089	-.1048	-.273	.783
2.50	-.0579	-.1109	-.0985	-.168	.840
2.51	-.0669	-.1120	-.0916	-.065	.888
2.52	-.0750	-.1121	-.0841	-.036	.927
2.53	-.0823	-.1113	-.0761	-.134	.957
2.54	-.0887	-.1095	-.0677	-.827	.978
2.55	-.0941	-.1069	-.0590	-.316	.991
2.56	-.0986	-.1035	-.0500	-.400	.994
2.57	-.1022	-.0993	-.0409	-.478	.990
2.58	-.1047	-.0944	-.0317	-.549	.977
2.59	-.1064	-.0889	-.0225	-.614	.956
2.60	-.1070	-.0827	-.0134	.672	.928
2.61	-.1068	-.0761	-.0044	.723	.893
2.62	-.1057	-.0690	-.0043	.766	.852
2.63	-.1037	-.0615	-.0127	.801	.804
2.64	-.1009	-.0538	-.0208	.889	.752
2.65	-.0974	-.0458	.0285	.848	.694
2.66	-.0931	-.0376	.0357	.860	.633
2.67	-.0888	-.0294	.0424	.865	.568
2.68	-.0827	-.0212	.0485	.862	.500
2.69	-.0766	-.0130	.0541	.852	.429
2.70	-.0701	-.0050	.0591	.836	.358
2.71	-.0632	-.0028	.0634	.818	.285
2.72	-.0560	-.0104	.0670	.783	.212
2.73	-.0485	-.0177	.0700	.748	.140
2.74	-.0408	-.0246	.0723	.707	.068
2.75	-.0330	.0311	.0740	.662	.002
2.76	-.0252	.0372	.0749	.613	.0070
2.77	-.0173	.0427	.0753	.580	.0135
2.78	-.0096	.0477	.0749	.503	.197
2.79	-.0020	.0522	.0739	.445	.256
2.80	.0054	.0561	.0723	.384	.311
2.81	.0125	.0594	.0702	.322	.361
2.82	.0193	.0622	.0676	.259	.407
2.83	.0257	.0643	.0645	.195	.449
2.84	.0318	.0658	.0609	.138	.485
2.85	.0374	.0668	.0570	.070	.517
2.86	.0425	.0672	.0526	.009	.543
2.87	.0471	.0669	.0480	.051	.563
2.88	.0512	.0662	.0431	.108	.579
2.89	.0548	.0649	.0379	.163	.589
2.90	.0577	.0631	.0327	.214	.594
2.91	.0602	.0608	.0272	.263	.594
2.92	.0620	.0581	.0218	.307	.589
2.93	.0632	.0549	.0162	.348	.579
2.94	.0639	.0514	.0108	.385	.564
2.95	.0641	.0476	.0054	.418	.545
2.96	.0637	.0435	.0001	.446	.522
2.97	.0628	.0391	-.0051	.469	.496
2.98	.0613	.0345	-.0100	.488	.466
2.99	.0594	.0298	-.0148	.502	.433
3.00	.0571	.0250	-.0192	.512	.397

W₁₀(x, r)

X	R	3.0	4.0	6.0	8.0	10.0
2.25	- .0647	.0010	.0531	.0677	.0714	
2.26	- .0516	.0132	.0616	.0738	.0760	
2.27	- .0385	.0249	.0693	.0791	.0797	
2.28	- .0254	.0360	.0763	.0835	.0828	
2.29	- .0125	.0466	.0824	.0872	.0850	
2.30	.0001	.0564	.0876	.0900	.0855	
2.31	.0123	.0654	.0920	.0920	.0872	
2.32	.0241	.0736	.0954	.0931	.0871	
2.33	.0353	.0810	.0978	.0933	.0863	
2.34	.0459	.0874	.0994	.0929	.0848	
2.35	.0558	.0930	.1002	.0917	.0827	
2.36	.0649	.0976	.1002	.0897	.0799	
2.37	.0733	.1013	.0993	.0871	.0766	
2.38	.0808	.1040	.0976	.0838	.0787	
2.39	.0874	.1058	.0951	.0800	.0684	
2.40	.0930	.1067	.0919	.0756	.0636	
2.41	.0976	.1066	.0881	.0706	.0584	
2.42	.1015	.1056	.0836	.0653	.0529	
2.43	.1043	.1038	.0786	.0595	.0471	
2.44	.1062	.1012	.0730	.0534	.0410	
2.45	.1071	.0978	.0670	.0471	.0348	
2.46	.1071	.0937	.0606	.0405	.0285	
2.47	.1062	.0889	.0539	.0338	.0222	
2.48	.1044	.0835	.0470	.0270	.0158	
2.49	.1019	.0776	.0398	.0202	.0095	
2.50	.0985	.0712	.0325	.0134	.0033	
2.51	.0944	.0644	.0252	.0067	.0027	
2.52	.0896	.0573	.0179	.0002	.0085	
2.53	.0843	.0499	.0106	.0062	.0141	
2.54	.0784	.0423	.0035	-.0123	.0195	
2.55	.0720	.0345	-.0035	-.0182	-.0244	
2.56	.0651	.0267	-.0102	-.0237	.0891	
2.57	.0580	.0189	-.0166	-.0288	.0334	
2.58	.0505	.0112	-.0227	-.0336	.0372	
2.59	.0429	.0036	-.0285	-.0379	.0406	
2.60	.0351	-.0038	-.0338	-.0418	-.0436	
2.61	.0273	-.0110	-.0387	-.0453	.0452	
2.62	.0194	-.0178	-.0431	-.0482	.0483	
2.63	.0117	-.0243	-.0470	-.0507	.0499	
2.64	.0040	-.0304	-.0505	-.0527	.0510	
2.65	-.0034	-.0361	-.0534	-.0541	-.0517	
2.66	-.0106	-.0413	-.0557	-.0551	-.0519	
2.67	-.0175	-.0460	-.0576	-.0556	-.0517	
2.68	-.0241	-.0502	-.0589	-.0556	-.0511	
2.69	-.0303	-.0538	-.0596	-.0551	-.0501	
2.70	-.0360	-.0569	-.0599	-.0542	-.0486	
2.71	-.0413	-.0594	-.0596	-.0529	-.0468	
2.72	-.0460	-.0614	-.0589	-.0511	-.0447	
2.73	-.0502	-.0627	-.0576	-.0490	-.0422	
2.74	-.0539	-.0635	-.0560	-.0466	-.0395	
2.75	-.0571	-.0638	-.0539	-.0438	-.0365	
2.76	-.0596	-.0635	-.0514	-.0407	-.0333	
2.77	-.0616	-.0627	-.0485	-.0374	-.0299	
2.78	-.0630	-.0613	-.0454	-.0338	-.0264	
2.79	-.0638	-.0595	-.0419	-.0301	-.0228	
2.80	-.0640	-.0572	-.0382	-.0262	-.0190	
2.81	-.0637	-.0546	-.0343	-.0223	-.0152	
2.82	-.0630	-.0516	-.0302	-.0183	-.0114	
2.83	-.0617	-.0482	-.0260	-.0142	-.0077	
2.84	-.0599	-.0445	-.0217	-.0101	-.0039	
2.85	-.0577	-.0406	-.0173	-.0061	-.0003	
2.86	-.0550	-.0364	-.0129	-.0021	.0033	
2.87	-.0520	-.0321	-.0086	-.0017	.0067	
2.88	-.0486	-.0276	-.0043	-.0055	.0100	
2.89	-.0450	-.0230	-.0001	-.0090	.0130	
2.90	-.0410	-.0183	.0040	.0124	.0159	
2.91	-.0368	-.0137	.0080	.0156	.0186	
2.92	-.0325	-.0090	.0117	.0186	.0210	
2.93	-.0280	-.0044	.0153	.0213	.0232	
2.94	-.0233	-.0000	.0186	.0238	.0251	
2.95	-.0187	.0044	.0216	.0260	.0268	
2.96	-.0140	.0086	.0244	.0279	.0282	
2.97	-.0093	.0126	.0269	.0295	.0293	
2.98	-.0047	.0164	.0291	.0309	.0301	
2.99	-.0002	.0199	.0310	.0319	.0307	
3.00	.0042	.0231	.0326	.0326	.0310	

$W_{10}(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
3.00	.0571	.0250	-.0192	-.0512	-.0397
3.01	.0543	.0201	-.0834	-.0517	-.0359
3.02	.0512	.0152	-.0273	-.0517	-.0319
3.03	.0478	.0103	-.0308	-.0514	-.0278
3.04	.0440	.0054	-.0339	-.0506	-.0236
3.05	.0400	.0007	-.0367	-.0494	-.0192
3.06	.0357	-.0040	-.0391	-.0478	-.0149
3.07	.0313	-.0084	-.0411	-.0458	-.0105
3.08	.0268	-.0127	-.0427	-.0436	-.0052
3.09	.0221	-.0167	-.0438	-.0410	-.0020
3.10	.0174	-.0205	-.0446	-.0382	.0022
3.11	.0127	-.0239	-.0450	-.0351	.0068a
3.12	.0081	-.0271	-.0450	-.0319	.0100
3.13	.0035	-.0300	-.0446	-.0284	.0136
3.14	-.0010	-.0325	-.0439	-.0248	.0170
3.15	-.0054	-.0347	-.0428	-.0211	.0202
3.16	-.0096	-.0365	-.0414	-.0174	.0231
3.17	-.0135	-.0380	-.0396	-.0136	.0257
3.18	-.0173	-.0391	-.0376	-.0098	.0281
3.19	-.0208	-.0398	-.0354	-.0060	.0301
3.20	-.0240	-.0402	-.0329	-.0023	.0318
3.21	-.0269	-.0403	-.0302	-.0013	.0332
3.22	-.0295	-.0399	-.0273	-.0048	.0343
3.23	-.0318	-.0393	-.0243	-.0081	.0350
3.24	-.0337	-.0383	-.0212	-.0113	.0354
3.25	-.0353	-.0371	-.0179	.0143	.0356
3.26	-.0366	-.0356	-.0147	.0171	.0354
3.27	-.0375	-.0339	-.0114	.0197	.0350
3.28	-.0381	-.0319	-.0081	.0220	.0342
3.29	-.0384	-.0297	-.0048	.0241	.0332
3.30	-.0383	-.0273	-.0016	.0259	.0320
3.31	-.0379	-.0247	.0015	.0274	.0305
3.32	-.0372	-.0221	.0045	.0287	.0288
3.33	-.0362	-.0193	.0074	.0297	.0269
3.34	-.0349	-.0164	.0102	.0304	.0249
3.35	-.0334	-.0135	.0128	.0308	.0227
3.36	-.0316	-.0106	.0152	.0310	.0203
3.37	-.0297	-.0076	.0174	.0309	.0179
3.38	-.0275	-.0047	.0194	.0305	.0154
3.39	-.0252	-.0018	.0218	.0299	.0128
3.40	-.0227	.0010	.0227	.0291	.0102
3.41	-.0201	.0037	.0240	.0281	.0076
3.42	-.0174	.0063	.0251	.0268	.0050
3.43	-.0147	.0088	.0259	.0253	.0024
3.44	-.0119	.0111	.0265	.0237	.0001
3.45	-.0090	.0133	.0269	.0220	-.0025
3.46	-.0062	.0153	.0270	.0201	-.0048
3.47	-.0035	.0171	.0269	.0181	-.0071
3.48	-.0007	.0187	.0265	.0159	-.0092
3.49	-.0019	.0201	.0260	.0138	-.0112
3.50	.0045	.0213	.0252	.0115	-.0130
3.51	.0069	.0223	.0243	.0093	-.0146
3.52	.0092	.0231	.0232	.0070	-.0161
3.53	.0114	.0237	.0219	.0047	-.0174
3.54	.0134	.0240	.0205	.0025	-.0186
3.55	.0153	.0241	.0189	-.0003	-.0195
3.56	.0169	.0240	.0172	-.0018	-.0202
3.57	.0184	.0238	.0155	-.0039	-.0208
3.58	.0197	.0233	.0136	-.0058	-.0212
3.59	.0207	.0227	.0117	-.0077	-.0213
3.60	.0216	.0218	.0098	-.0094	-.0213
3.61	.0223	.0209	.0078	-.0110	-.0211
3.62	.0227	.0197	.0058	-.0125	-.0208
3.63	.0230	.0185	.0039	-.0138	-.0203
3.64	.0230	.0171	.0019	-.0150	-.0196
3.65	.0229	.0156	.0000	-.0160	-.0188
3.66	.0225	.0140	-.0018	-.0169	-.0178
3.67	.0220	.0134	-.0036	-.0175	-.0167
3.68	.0213	.0107	-.0053	-.0180	-.0155
3.69	.0205	.0090	-.0069	-.0184	-.0143
3.70	.0195	.0072	-.0084	-.0186	-.0129
3.71	.0184	.0055	-.0098	-.0186	-.0115
3.72	.0172	.0037	-.0111	-.0184	-.0100
3.73	.0158	.0019	-.0122	-.0182	-.0085
3.74	.0144	.0002	-.0132	-.0177	-.0069
3.75	.0128	-.0014	-.0140	-.0172	-.0053

$W_{10}(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.00	.0042	.0231	.0326	.0326	.0310
3.01	.0084	.0261	.0339	.0331	.0310
3.02	.0125	.0288	.0348	.0332	.0307
3.03	.0163	.0311	.0354	.0331	.0302
3.04	.0198	.0331	.0357	.0327	.0295
3.05	.0231	.0348	.0357	.0320	.0285
3.06	.0261	.0361	.0354	.0311	.0273
3.07	.0288	.0371	.0348	.0299	.0260
3.08	.0312	.0378	.0340	.0286	.0244
3.09	.0332	.0381	.0328	.0270	.0227
3.10	.0349	.0381	.0315	.0252	.0209
3.11	.0363	.0378	.0299	.0233	.0189
3.12	.0373	.0371	.0281	.0213	.0168
3.13	.0380	.0362	.0261	.0191	.0147
3.14	.0383	.0350	.0240	.0168	.0125
3.15	.0383	.0335	.0217	.0145	.0102
3.16	.0380	.0318	.0193	.0121	.0080
3.17	.0374	.0299	.0168	.0097	.0057
3.18	.0365	.0278	.0142	.0072	.0034
3.19	.0353	.0255	.0117	.0048	.0012
3.20	.0338	.0231	.0090	.0024	-.0009
3.21	.0321	.0205	.0064	.0001	-.0030
3.22	.0308	.0179	.0038	-.0023	-.0050
3.23	.0280	.0151	.0013	-.0044	-.0069
3.24	.0257	.0124	.0012	-.0064	-.0087
3.25	.0233	.0096	-.0036	-.0084	-.0104
3.26	.0207	.0068	-.0059	-.0103	-.0119
3.27	.0181	.0040	-.0081	-.0120	-.0133
3.28	.0153	.0013	-.0101	-.0135	-.0145
3.29	.0126	-.0013	-.0121	-.0149	-.0156
3.30	.0098	-.0039	-.0138	-.0162	-.0165
3.31	.0070	-.0064	-.0154	-.0172	-.0172
3.32	.0042	-.0087	-.0168	-.0181	-.0178
3.33	.0014	-.0109	-.0180	-.0188	-.0182
3.34	-.0012	-.0129	-.0191	-.0193	-.0185
3.35	-.0038	-.0148	-.0199	-.0197	-.0185
3.36	-.0063	-.0164	-.0206	-.0199	-.0185
3.37	-.0086	-.0179	-.0210	-.0199	-.0182
3.38	-.0108	-.0198	-.0213	-.0197	-.0179
3.39	-.0129	-.0204	-.0214	-.0194	-.0174
3.40	-.0148	-.0213	-.0213	-.0189	-.0167
3.41	-.0165	-.0220	-.0210	-.0183	-.0160
3.42	-.0180	-.0224	-.0206	-.0175	-.0151
3.43	-.0193	-.0227	-.0200	-.0166	-.0141
3.44	-.0204	-.0228	-.0193	-.0156	-.0130
3.45	-.0213	-.0227	-.0184	-.0145	-.0119
3.46	-.0221	-.0224	-.0174	-.0134	-.0107
3.47	-.0225	-.0220	-.0162	-.0121	-.0094
3.48	-.0229	-.0213	-.0150	-.0108	-.0081
3.49	-.0230	-.0205	-.0137	-.0094	-.0068
3.50	-.0229	-.0196	-.0123	-.0080	-.0054
3.51	-.0226	-.0185	-.0108	-.0065	-.0041
3.52	-.0221	-.0173	-.0093	-.0051	-.0027
3.53	-.0215	-.0160	-.0078	-.0036	-.0014
3.54	-.0207	-.0145	-.0062	-.0022	-.0001
3.55	-.0197	-.0130	-.0046	-.0007	.0012
3.56	-.0187	-.0115	-.0031	-.0006	.0024
3.57	-.0174	-.0099	-.0015	-.0020	.0036
3.58	-.0161	-.0082	-.0000	-.0033	.0047
3.59	-.0147	-.0066	-.0015	-.0045	.0057
3.60	-.0132	-.0049	.0029	.0056	.0067
3.61	-.0116	-.0032	.0042	.0067	.0076
3.62	-.0100	-.0016	.0055	.0077	.0083
3.63	-.0084	-.0000	.0067	.0086	.0090
3.64	-.0067	.0016	.0078	.0093	.0096
3.65	-.0050	.0031	.0088	.0100	.0101
3.66	-.0033	.0045	.0097	.0105	.0105
3.67	-.0017	.0059	.0105	.0111	.0108
3.68	-.0000	.0072	.0112	.0115	.0110
3.69	.0015	.0083	.0117	.0117	.0111
3.70	.0030	.0094	.0122	.0119	.0111
3.71	.0045	.0103	.0125	.0119	.0110
3.72	.0059	.0112	.0127	.0119	.0109
3.73	.0071	.0119	.0128	.0117	.0106
3.74	.0083	.0125	.0128	.0115	.0102
3.75	.0094	.0130	.0127	.0112	.0098

$W_{10}(x, r)$

$x \setminus r$	1	1.1	1.25	1.5	2.0
3.75	.0128	- .0014	- .0140	- .0172	- .0053
3.76	.0112	- .0030	- .0147	- .0165	- .0038
3.77	.0096	- .0045	- .0153	- .0156	- .0022
3.78	.0079	- .0060	- .0157	- .0147	- .0007
3.79	.0063	- .0073	- .0160	- .0137	.0008
3.80	.0046	- .0086	- .0161	- .0126	.0022
3.81	.0029	- .0097	- .0161	- .0114	.0036
3.82	.0013	- .0107	- .0160	- .0102	.0049
3.83	- .0004	- .0116	- .0157	- .0089	.0061
3.84	- .0019	- .0124	- .0153	- .0076	.0072
3.85	- .0034	- .0131	- .0148	- .0062	.0083
3.86	- .0048	- .0136	- .0142	- .0049	.0092
3.87	- .0062	- .0140	- .0135	- .0035	.0101
3.88	- .0074	- .0143	- .0127	- .0022	.0108
3.89	- .0086	- .0144	- .0118	- .0008	.0114
3.90	- .0096	- .0144	- .0108	.0005	.0119
3.91	- .0106	- .0143	- .0098	.0017	.0123
3.92	- .0114	- .0141	- .0087	.0029	.0126
3.93	- .0121	- .0138	- .0076	.0041	.0127
3.94	- .0127	- .0133	- .0064	.0051	.0128
3.95	- .0131	- .0128	- .0053	.0061	.0127
3.96	- .0135	- .0122	- .0041	.0071	.0126
3.97	- .0137	- .0114	- .0029	.0079	.0123
3.98	- .0138	- .0107	- .0017	.0086	.0119
3.99	- .0138	- .0098	- .0006	.0093	.0115
4.00	- .0136	- .0089	.0005	.0099	.0110
4.01	- .0134	- .0079	.0016	.0103	.0103
4.02	- .0130	- .0069	.0027	.0107	.0097
4.03	- .0125	- .0059	.0037	.0109	.0089
4.04	- .0120	- .0049	.0046	.0111	.0081
4.05	- .0114	- .0038	.0055	.0111	.0073
4.06	- .0107	- .0027	.0062	.0111	.0064
4.07	- .0099	- .0017	.0070	.0110	.0055
4.08	- .0090	- .0007	.0076	.0108	.0046
4.09	- .0082	.0004	.0082	.0105	.0037
4.10	- .0072	.0013	.0086	.0101	.0027
4.11	- .0063	.0023	.0090	.0096	.0018
4.12	- .0053	.0032	.0093	.0091	.0009
4.13	- .0043	.0040	.0095	.0085	.0000
4.14	- .0032	.0048	.0096	.0079	.0009
4.15	- .0022	.0055	.0097	.0072	.0017
4.16	- .0012	.0061	.0096	.0065	.0025
4.17	- .0003	.0067	.0095	.0057	.0033
4.18	- .0007	.0072	.0093	.0049	.0040
4.19	.0016	.0077	.0091	.0041	.0047
4.20	.0025	.0080	.0087	.0033	.0053
4.21	.0033	.0083	.0083	.0025	.0058
4.22	.0041	.0085	.0079	.0017	.0063
4.23	.0048	.0086	.0074	.0009	.0067
4.24	.0055	.0087	.0068	.0001	.0070
4.25	.0061	.0086	.0062	- .0007	.0073
4.26	.0066	.0085	.0056	- .0014	.0075
4.27	.0071	.0084	.0049	- .0021	.0076
4.28	.0074	.0081	.0042	- .0028	.0077
4.29	.0078	.0078	.0035	- .0034	.0076
4.30	.0080	.0075	.0028	- .0040	.0076
4.31	.0081	.0071	.0021	- .0045	.0075
4.32	.0082	.0066	.0014	- .0050	.0073
4.33	.0083	.0061	.0007	- .0054	.0070
4.34	.0082	.0056	.0000	- .0057	.0067
4.35	.0081	.0050	- .0007	- .0060	.0064
4.36	.0079	.0045	- .0013	- .0063	.0060
4.37	.0077	.0038	- .0019	- .0065	.0056
4.38	.0074	.0032	- .0025	- .0066	.0051
4.39	.0070	.0026	- .0030	- .0067	.0046
4.40	.0066	.0020	- .0035	- .0067	.0041
4.41	.0062	.0013	- .0040	- .0066	.0036
4.42	.0057	.0007	- .0044	- .0065	.0030
4.43	.0052	.0001	- .0047	- .0064	.0025
4.44	.0046	- .0005	- .0050	- .0062	.0019
4.45	.0040	- .0011	- .0053	- .0059	.0014
4.46	.0035	- .0016	- .0055	- .0056	.0008
4.47	.0029	- .0021	- .0056	- .0053	.0003
4.48	.0023	- .0026	- .0057	- .0049	.0003
4.49	.0016	- .0031	- .0058	- .0045	.0008
4.50	.0010	- .0035	- .0058	- .0041	.0013

$W_{10}(x, r)$

$x \backslash r$	3.0	4.0	6.0	8.0	10.0
3.75	.0094	.0130	.0127	.0112	.0098
3.76	.0103	.0133	.0125	.0107	.0093
3.77	.0112	.0135	.0122	.0102	.0088
3.78	.0119	.0137	.0116	.0097	.0081
3.79	.0125	.0137	.0113	.0090	.0075
3.80	.0130	.0135	.0107	.0084	.0068
3.81	.0134	.0133	.0101	.0076	.0060
3.82	.0136	.0130	.0094	.0068	.0053
3.83	.0137	.0125	.0086	.0060	.0045
3.84	.0137	.0120	.0078	.0052	.0037
3.85	.0136	.0114	.0069	.0043	.0028
3.86	.0134	.0107	.0060	.0035	.0020
3.87	.0131	.0100	.0051	.0026	.0012
3.88	.0126	.0091	.0042	.0017	.0004
3.89	.0181	.0083	.0032	.0009	-.0003
3.90	.0115	.0074	.0023	.0000	-.0011
3.91	.0108	.0064	.0014	-.0008	-.0018
3.92	.0101	.0054	-.0005	-.0016	-.0025
3.93	.0098	.0044	-.0004	-.0023	-.0031
3.94	.0084	.0034	-.0013	-.0030	-.0037
3.95	.0074	.0024	-.0021	-.0037	-.0043
3.96	.0065	.0014	-.0029	-.0043	-.0048
3.97	.0055	.0005	-.0037	-.0049	-.0052
3.98	.0045	-.0005	-.0043	-.0054	-.0056
3.99	.0035	-.0014	-.0050	-.0058	-.0059
4.00	.0025	-.0023	-.0055	-.0062	-.0062
4.01	.0015	-.0031	-.0060	-.0065	-.0064
4.02	.0005	-.0039	-.0065	-.0068	-.0065
4.03	-.0004	-.0046	-.0069	-.0069	-.0066
4.04	-.0014	-.0053	-.0072	-.0071	-.0067
4.05	-.0023	-.0059	-.0074	-.0071	-.0066
4.06	-.0031	-.0065	-.0076	-.0071	-.0066
4.07	-.0039	-.0069	-.0077	-.0071	-.0064
4.08	-.0046	-.0073	-.0077	-.0070	-.0062
4.09	-.0053	-.0076	-.0077	-.0068	-.0060
4.10	-.0059	-.0079	-.0076	-.0066	-.0057
4.11	-.0065	-.0081	-.0074	-.0063	-.0054
4.12	-.0069	-.0082	-.0072	-.0060	-.0051
4.13	-.0073	-.0082	-.0069	-.0056	-.0047
4.14	-.0077	-.0083	-.0066	-.0052	-.0043
4.15	-.0079	-.0081	-.0062	-.0048	-.0038
4.16	-.0081	-.0079	-.0058	-.0043	-.0034
4.17	-.0082	-.0077	-.0054	-.0039	-.0029
4.18	-.0083	-.0074	-.0049	-.0034	-.0024
4.19	-.0082	-.0070	-.0044	-.0029	-.0019
4.20	-.0081	-.0066	-.0039	-.0023	-.0015
4.21	-.0079	-.0062	-.0035	-.0018	-.0005
4.22	-.0077	-.0057	-.0028	-.0013	-.0000
4.23	-.0074	-.0052	-.0022	-.0008	-.0004
4.24	-.0071	-.0047	-.0017	-.0003	
4.25	-.0067	-.0041	-.0011	.0002	.0009
4.26	-.0063	-.0036	-.0005	.0007	.0013
4.27	-.0058	-.0030	-.0000	.0012	.0017
4.28	-.0053	-.0024	.0005	.0016	.0021
4.29	-.0047	-.0018	.0010	.0020	.0024
4.30	-.0042	-.0012	.0015	.0024	.0027
4.31	-.0036	-.0006	.0020	.0027	.0030
4.32	-.0030	-.0000	.0024	.0031	.0032
4.33	-.0024	.0006	.0028	.0033	.0035
4.34	-.0018	.0011	.0031	.0036	.0036
4.35	-.0012	.0016	.0035	.0038	.0038
4.36	-.0006	.0021	.0038	.0040	.0039
4.37	-.0000	.0026	.0040	.0041	.0039
4.38	.0005	.0030	.0042	.0042	.0040
4.39	.0011	.0034	.0044	.0043	.0040
4.40	.0016	.0037	.0045	.0043	.0040
4.41	.0021	.0040	.0046	.0043	.0039
4.42	.0026	.0043	.0046	.0042	.0038
4.43	.0030	.0045	.0045	.0041	.0037
4.44	.0034	.0047	.0046	.0040	.0035
4.45	.0037	.0048	.0045	.0039	.0033
4.46	.0040	.0049	.0044	.0037	.0031
4.47	.0043	.0049	.0042	.0035	.0029
4.48	.0045	.0049	.0041	.0032	.0027
4.49	.0047	.0049	.0038	.0030	.0024
4.50	.0048	.0048	.0036	.0027	.0022

$W_{10}(x, r)$

$x \backslash r$	1	1.1	1.25	1.5	2.0
4.50	.0010	-.0035	-.0058	-.0041	.0013
4.51	.0005	-.0039	-.0057	-.0037	.0018
4.52	-.0001	-.0042	-.0057	-.0032	.0028
4.53	-.0007	-.0045	-.0055	-.0027	.0026
4.54	-.0012	-.0047	-.0053	-.0022	.0030
4.55	-.0017	-.0049	-.0051	-.0018	.0033
4.56	-.0022	-.0050	-.0049	-.0013	.0036
4.57	-.0027	-.0051	-.0046	-.0008	.0039
4.58	-.0031	-.0052	-.0042	-.0003	.0042
4.59	-.0035	-.0052	-.0039	-.0002	.0043
4.60	-.0038	-.0051	-.0035	.0006	.0044
4.61	-.0041	-.0051	-.0031	.0010	.0045
4.62	-.0044	-.0049	-.0027	.0015	.0046
4.63	-.0046	-.0048	-.0023	.0018	.0046
4.64	-.0047	-.0046	-.0019	.0022	.0046
4.65	-.0048	-.0044	-.0015	.0025	.0045
4.66	-.0049	-.0041	-.0010	.0028	.0044
4.67	-.0050	-.0038	-.0006	.0031	.0043
4.68	-.0049	-.0035	-.0002	.0033	.0041
4.69	-.0049	-.0032	-.0002	.0035	.0039
4.70	-.0048	-.0028	.0006	.0037	.0037
4.71	-.0047	-.0025	.0010	.0038	.0035
4.72	-.0045	-.0021	.0013	.0039	.0032
4.73	-.0043	-.0017	.0016	.0040	.0029
4.74	-.0041	-.0014	.0020	.0040	.0026
4.75	-.0038	-.0010	.0022	.0040	.0023
4.76	-.0035	-.0006	.0025	.0039	.0020
4.77	-.0032	-.0002	.0027	.0039	.0017
4.78	-.0029	.0001	.0029	.0038	.0013
4.79	-.0026	.0005	.0031	.0036	.0010
4.80	-.0022	.0008	.0032	.0035	.0006
4.81	-.0019	.0011	.0033	.0033	.0003
4.82	-.0015	.0014	.0034	.0031	.0000
4.83	-.0012	.0017	.0035	.0028	.0003
4.84	-.0008	.0020	.0035	.0026	.0006
4.85	-.0004	.0022	.0035	.0023	.0009
4.86	-.0001	.0024	.0034	.0021	.0012
4.87	-.0002	.0026	.0033	.0018	.0014
4.88	-.0006	.0027	.0032	.0015	.0017
4.89	-.0009	.0029	.0031	.0012	.0019
4.90	.0012	.0030	.0030	.0009	-.0021
4.91	.0015	.0030	.0028	.0006	-.0022
4.92	.0017	.0031	.0026	.0003	-.0024
4.93	.0020	.0031	.0024	.0000	-.0025
4.94	.0022	.0031	.0022	-.0002	-.0026
4.95	.0024	.0031	.0020	-.0005	-.0027
4.96	.0025	.0030	.0018	-.0008	-.0027
4.97	.0027	.0029	.0015	-.0010	-.0027
4.98	.0028	.0028	.0013	-.0012	-.0027
4.99	.0029	.0027	.0010	-.0014	-.0027
5.00	.0029	.0025	.0008	-.0016	-.0027

W₁₀(x, r)

X \ T	3.0	4.0	6.0	8.0	10.0
4.50	.0048	.0048	.0036	.0027	.0022
4.51	.0049	.0047	.0034	.0025	.0019
4.52	.0049	.0045	.0031	.0022	.0016
4.53	.0049	.0043	.0028	.0019	.0013
4.54	.0049	.0041	.0025	.0016	.0010
4.55	.0048	.0039	.0022	.0012	.0007
4.56	.0047	.0036	.0018	.0009	.0004
4.57	.0045	.0033	.0015	.0006	.0002
4.58	.0044	.0030	.0012	.0003	.0001
4.59	.0041	.0026	.0008	.0000	.0004
4.60	.0039	.0023	.0005	-.0003	-.0007
4.61	.0036	.0020	-.0002	-.0006	-.0009
4.62	.0033	.0016	-.0002	-.0008	-.0011
4.63	.0030	.0012	-.0005	-.0011	-.0013
4.64	.0027	.0009	-.0008	-.0013	-.0015
4.65	.0023	.0005	-.0010	-.0015	-.0017
4.66	.0020	-.0002	-.0013	-.0017	-.0019
4.67	.0016	-.0002	-.0016	-.0019	-.0020
4.68	.0013	-.0005	-.0018	-.0021	-.0021
4.69	.0009	-.0008	-.0020	-.0022	-.0022
4.70	.0005	-.0011	-.0022	-.0023	-.0023
4.71	-.0002	-.0014	-.0023	-.0024	-.0023
4.72	-.0002	-.0017	-.0025	-.0025	-.0024
4.73	-.0005	-.0019	-.0026	-.0025	-.0024
4.74	-.0008	-.0021	-.0027	-.0026	-.0024
4.75	-.0011	-.0023	-.0027	-.0026	-.0024
4.76	-.0014	-.0025	-.0027	-.0025	-.0023
4.77	-.0017	-.0026	-.0028	-.0025	-.0022
4.78	-.0019	-.0027	-.0027	-.0024	-.0022
4.79	-.0021	-.0028	-.0027	-.0024	-.0021
4.80	-.0023	-.0029	-.0027	-.0023	-.0019
4.81	-.0025	-.0029	-.0026	-.0021	-.0018
4.82	-.0026	-.0029	-.0025	-.0020	-.0017
4.83	-.0027	-.0029	-.0024	-.0019	-.0015
4.84	-.0028	-.0029	-.0022	-.0017	-.0014
4.85	-.0029	-.0026	-.0021	-.0016	-.0012
4.86	-.0029	-.0027	-.0019	-.0014	-.0010
4.87	-.0030	-.0026	-.0018	-.0012	-.0009
4.88	-.0029	-.0025	-.0016	-.0010	-.0007
4.89	-.0029	-.0024	-.0014	-.0008	-.0005
4.90	-.0029	-.0022	-.0012	-.0007	-.0004
4.91	-.0028	-.0021	-.0010	-.0005	-.0002
4.92	-.0027	-.0019	-.0008	-.0003	-.0000
4.93	-.0025	-.0017	-.0006	-.0001	-.0002
4.94	-.0024	-.0015	-.0004	-.0001	-.0002
4.95	-.0022	-.0013	-.0002	.0003	.0004
4.96	-.0021	-.0011	.0000	.0004	.0006
4.97	-.0019	-.0008	.0002	.0006	.0007
4.98	-.0017	-.0006	.0004	.0007	.0008
4.99	-.0015	-.0004	.0005	.0009	.0009
5.00	-.0013	-.0002	.0007	.0010	.0011

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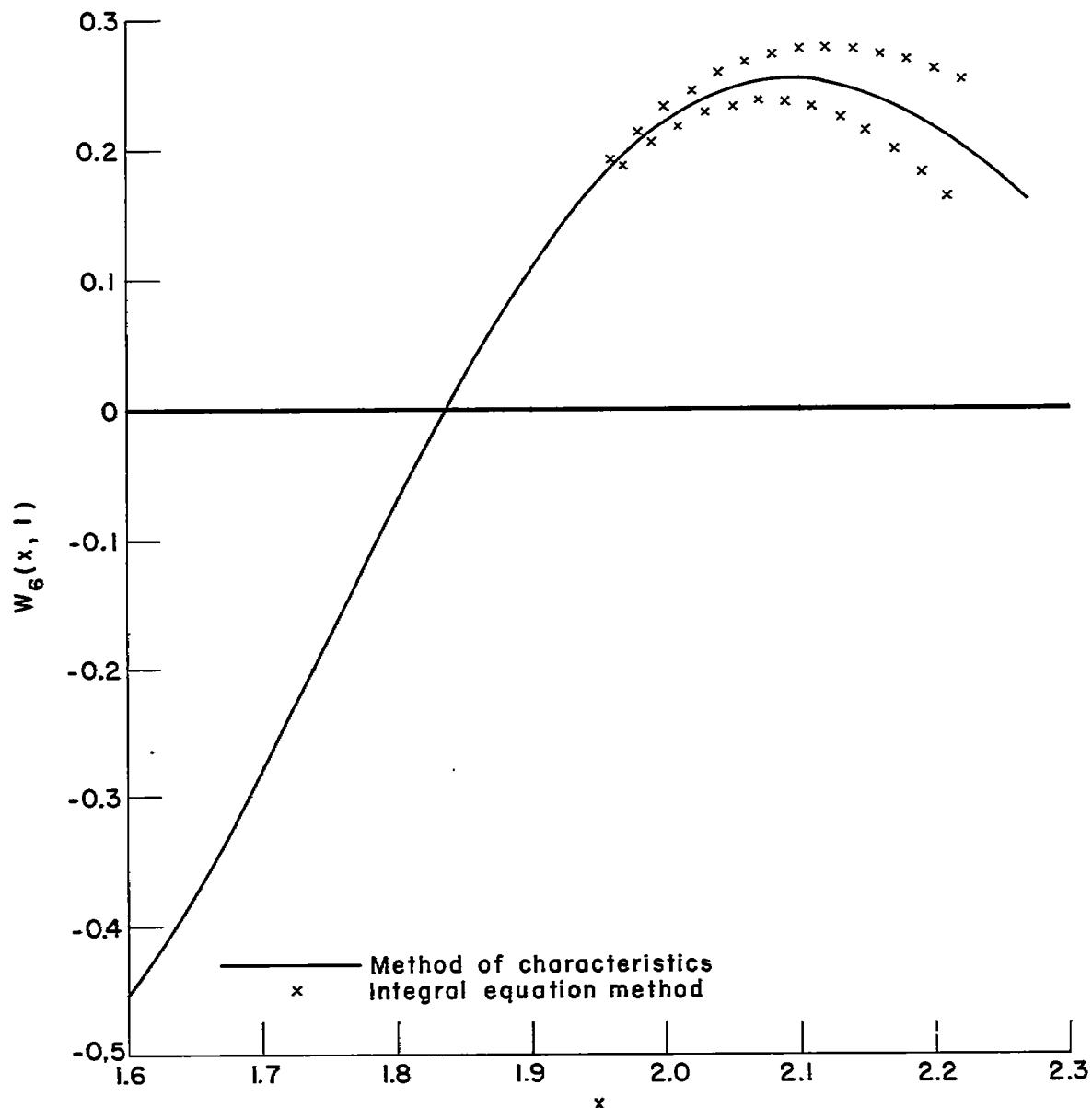


Figure 1.- Oscillatory instability of integral-equation method.

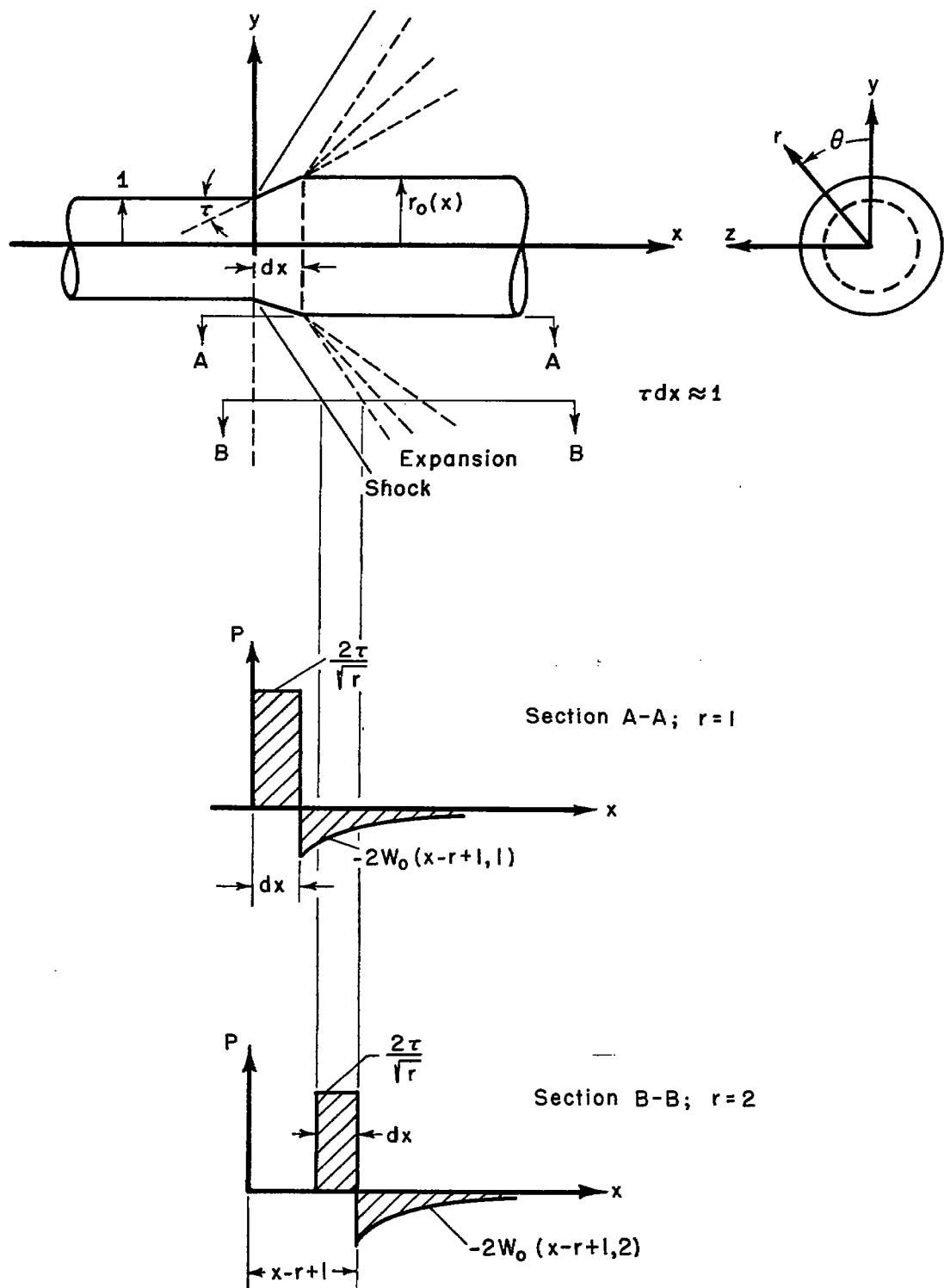


Figure 2.- Physical significance of $W_o(x,r)$ function; $a = 1$, $\beta = 1$

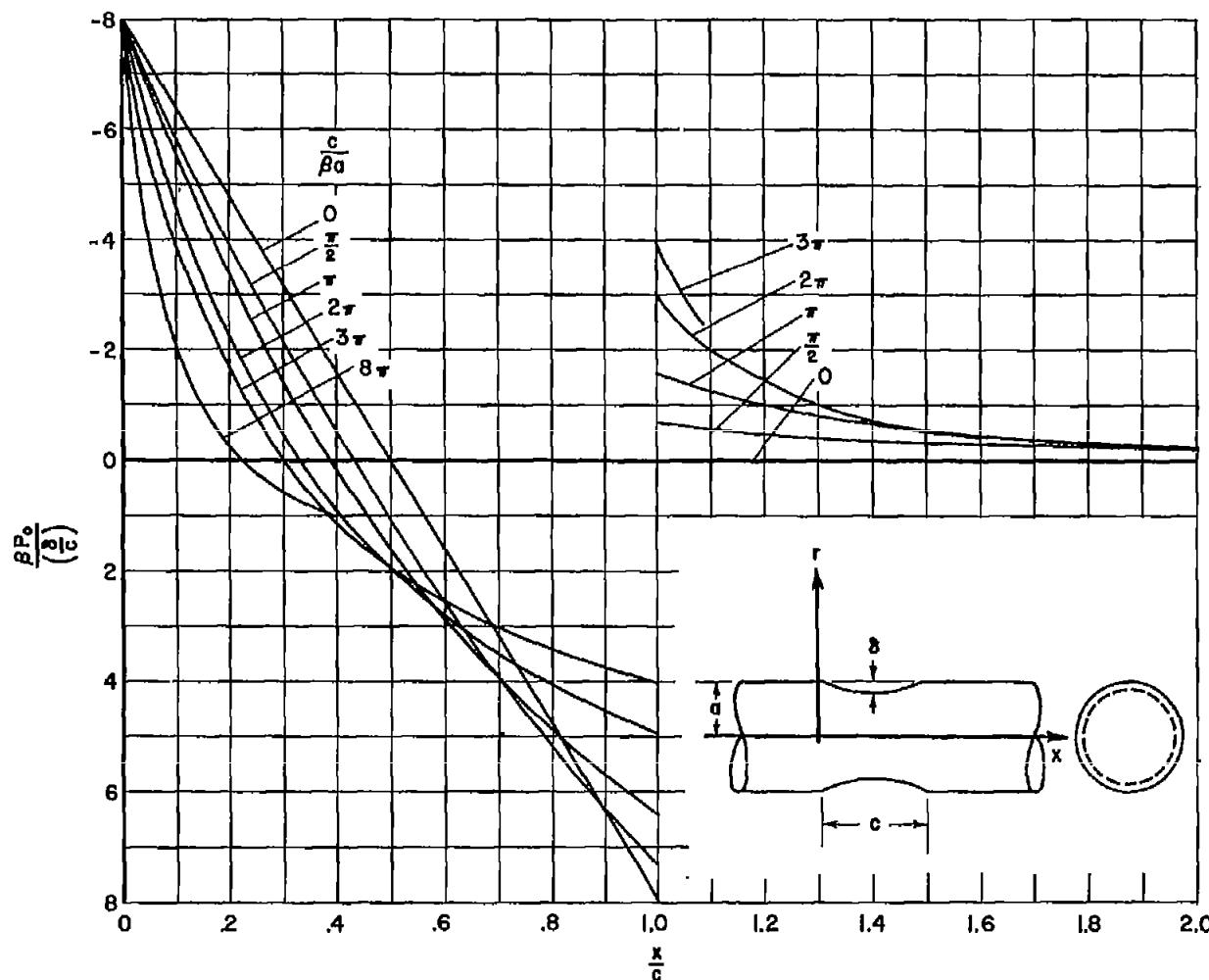
(a) $m = 0, r/a = 1$

Figure 3.- Pressure distribution due to body with concave indentation.

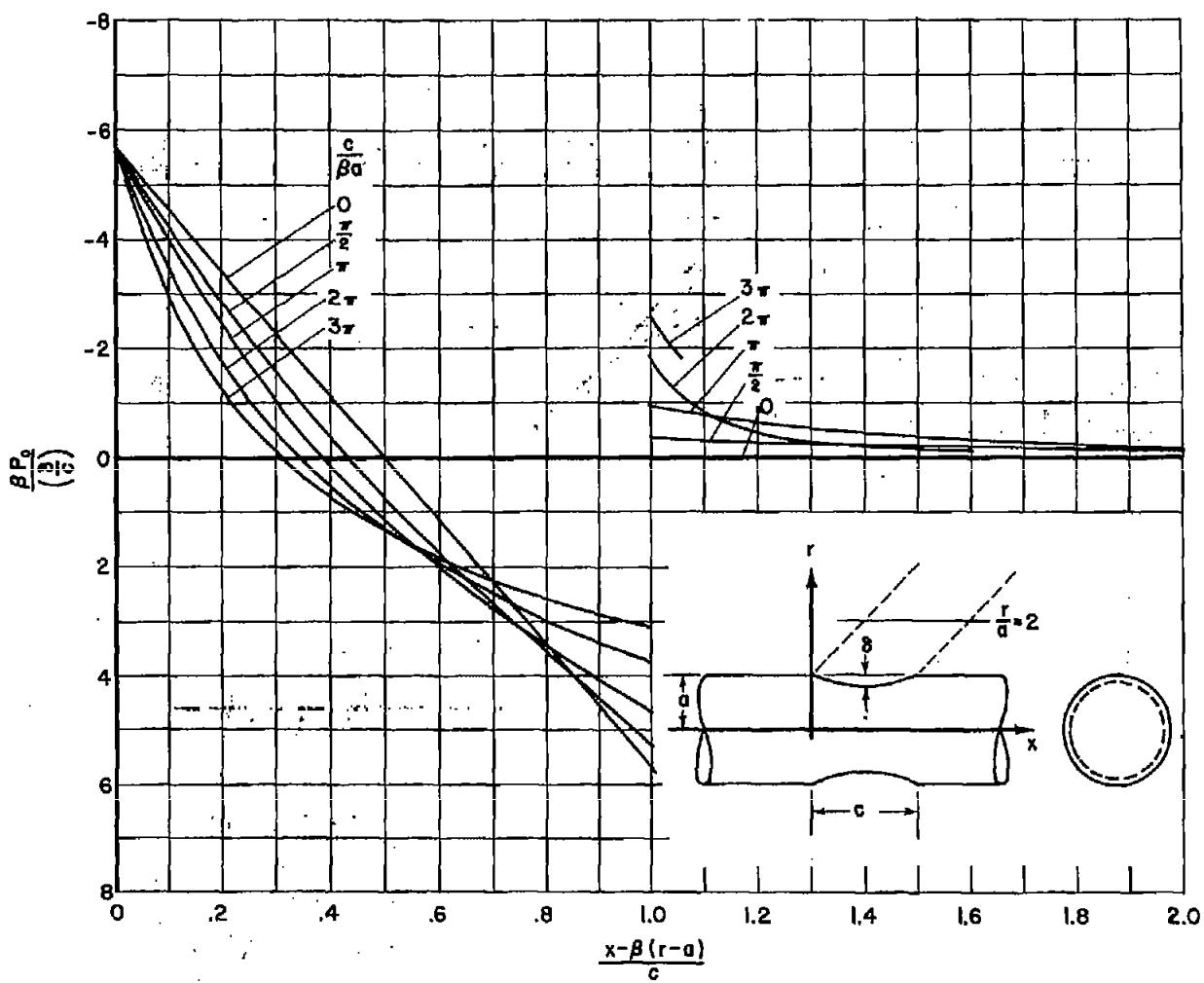
(b) $m = 0, r/a = 2$

Figure 3.- Continued.

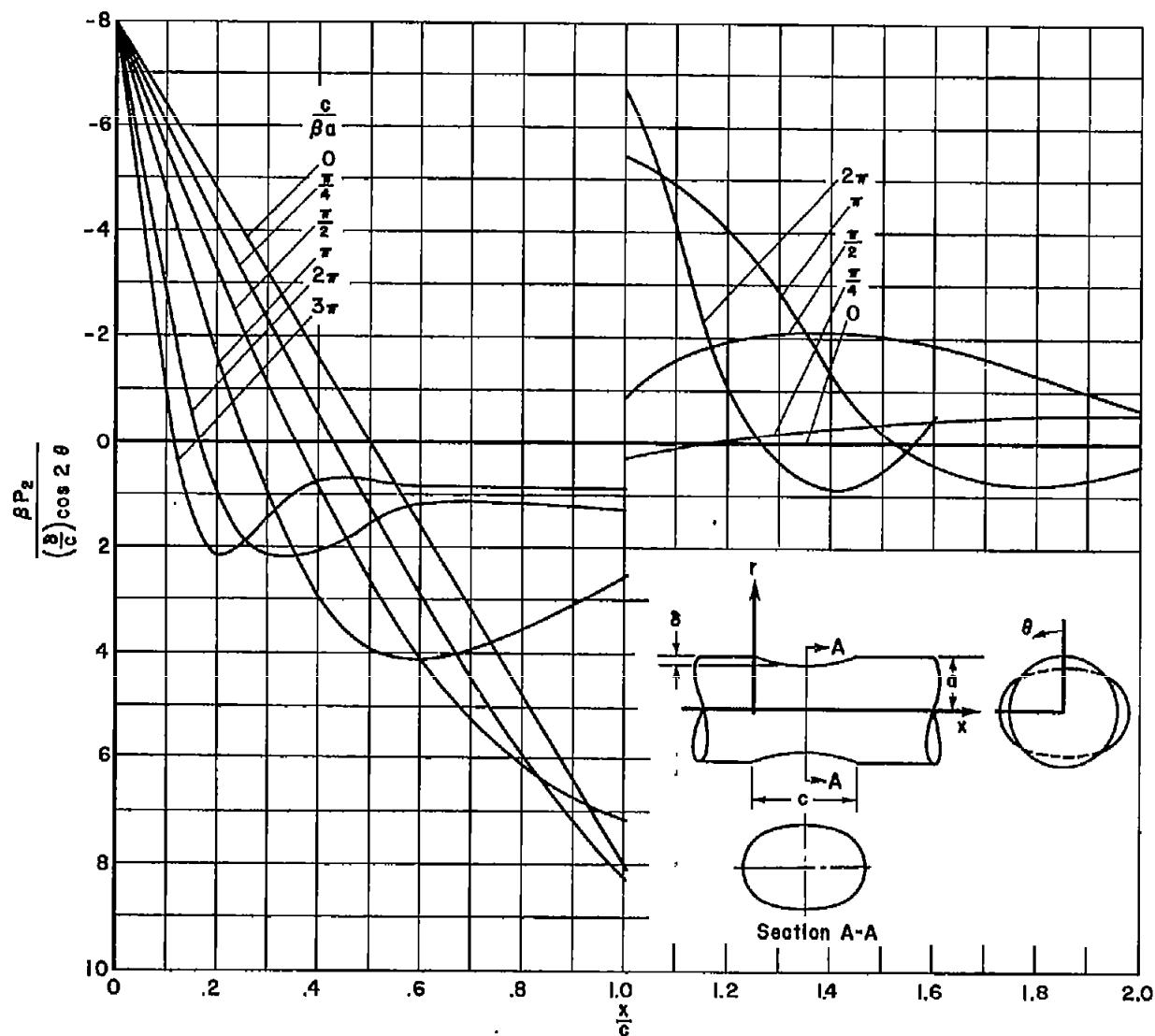
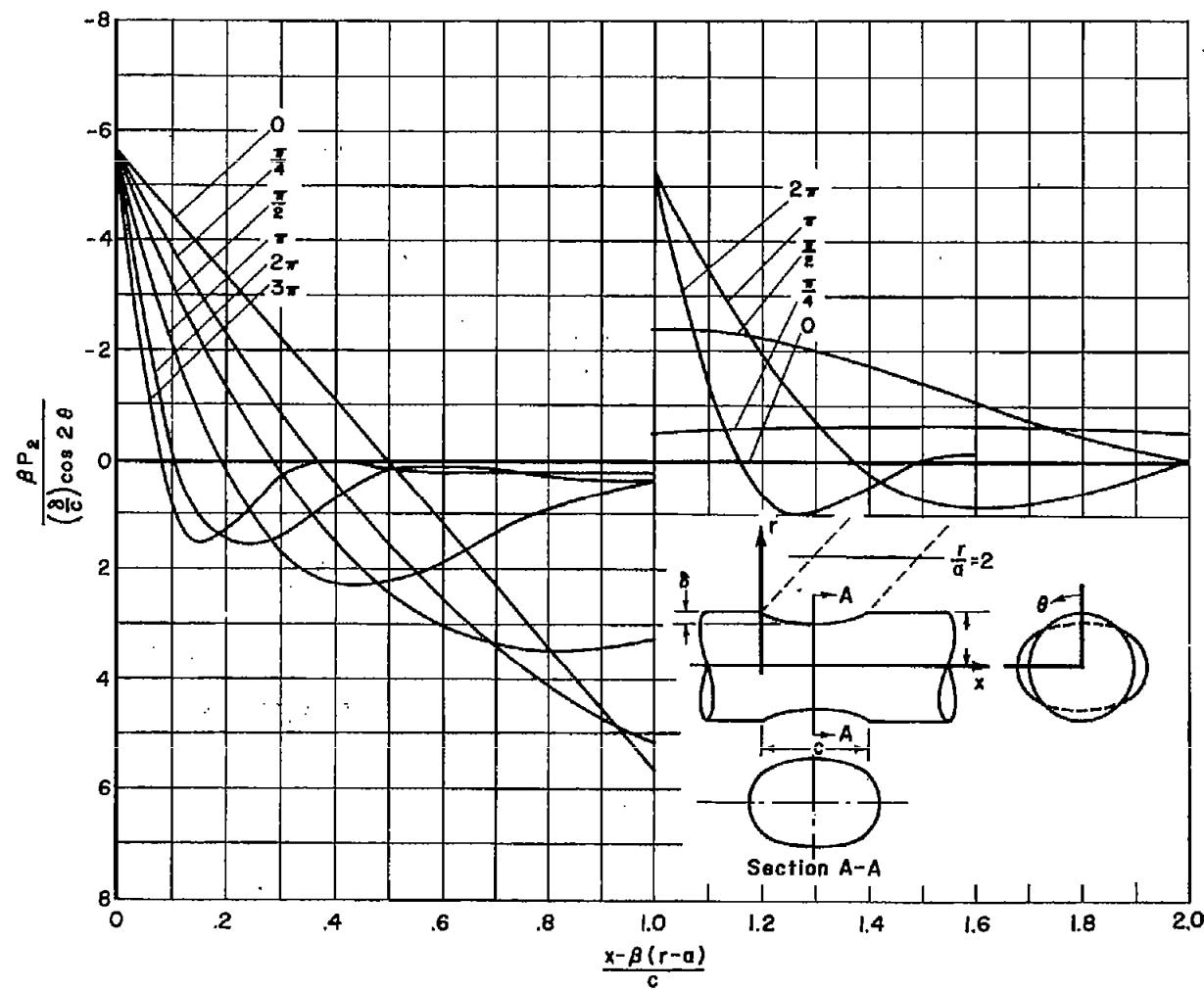
(c) $m = 2$, $r/a = 1$

Figure 3.- Continued.



(d) $m = 2$, $r/a = 2$

Figure 3.- Concluded.

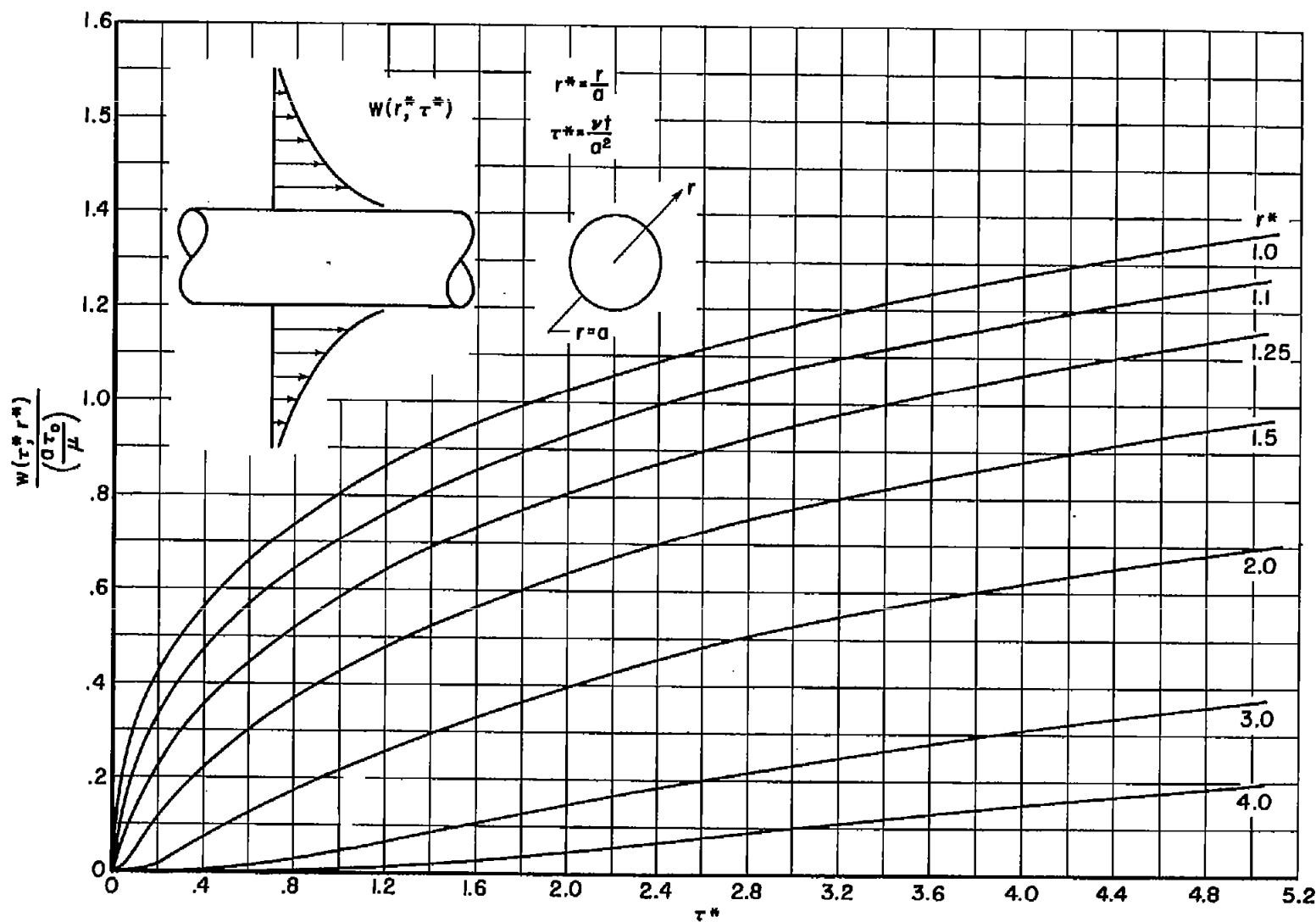


Figure 4.- Fluid velocity variation with time for infinite circular cylinder.

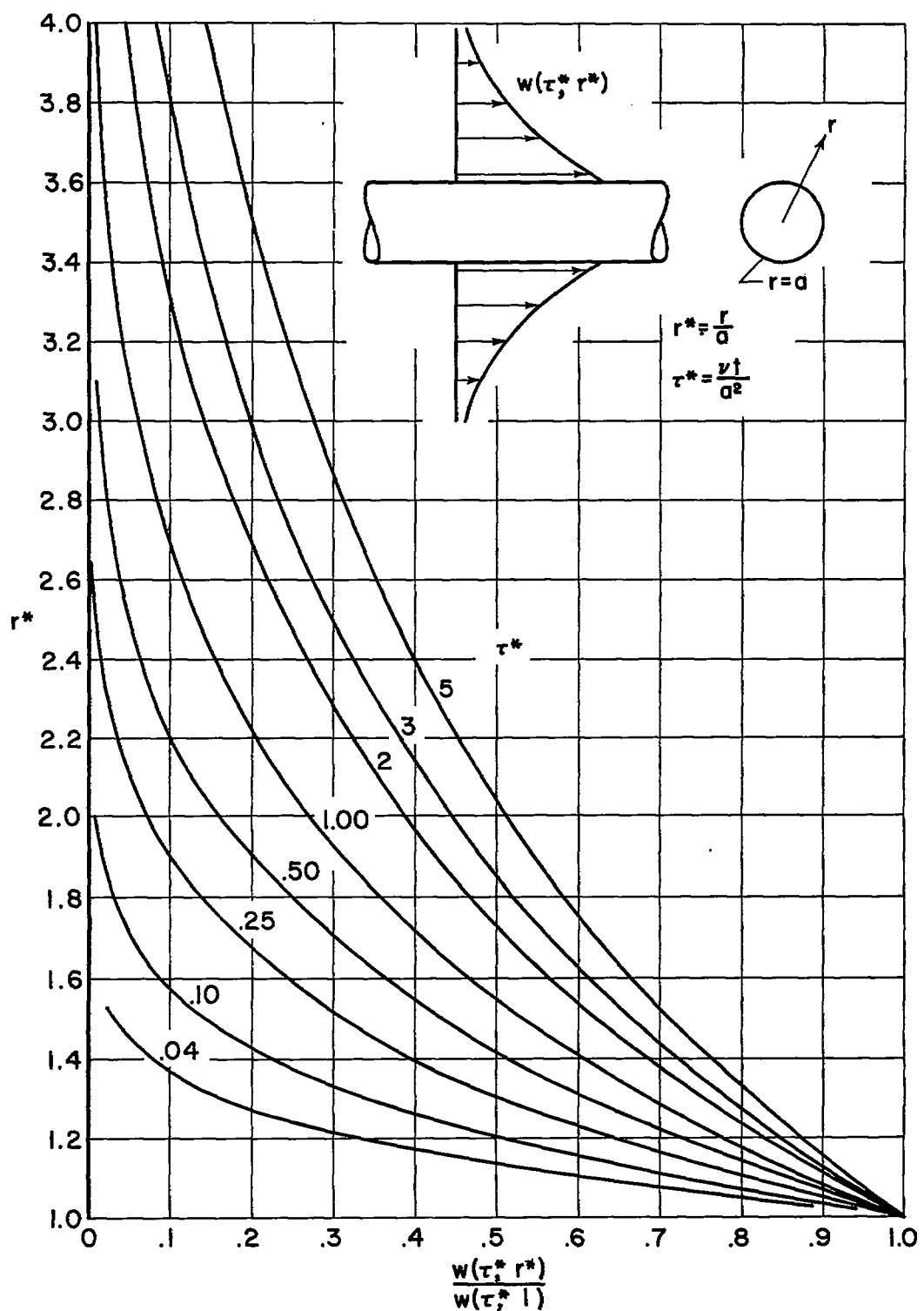


Figure 5.- Velocity profiles for infinite circular cylinder.

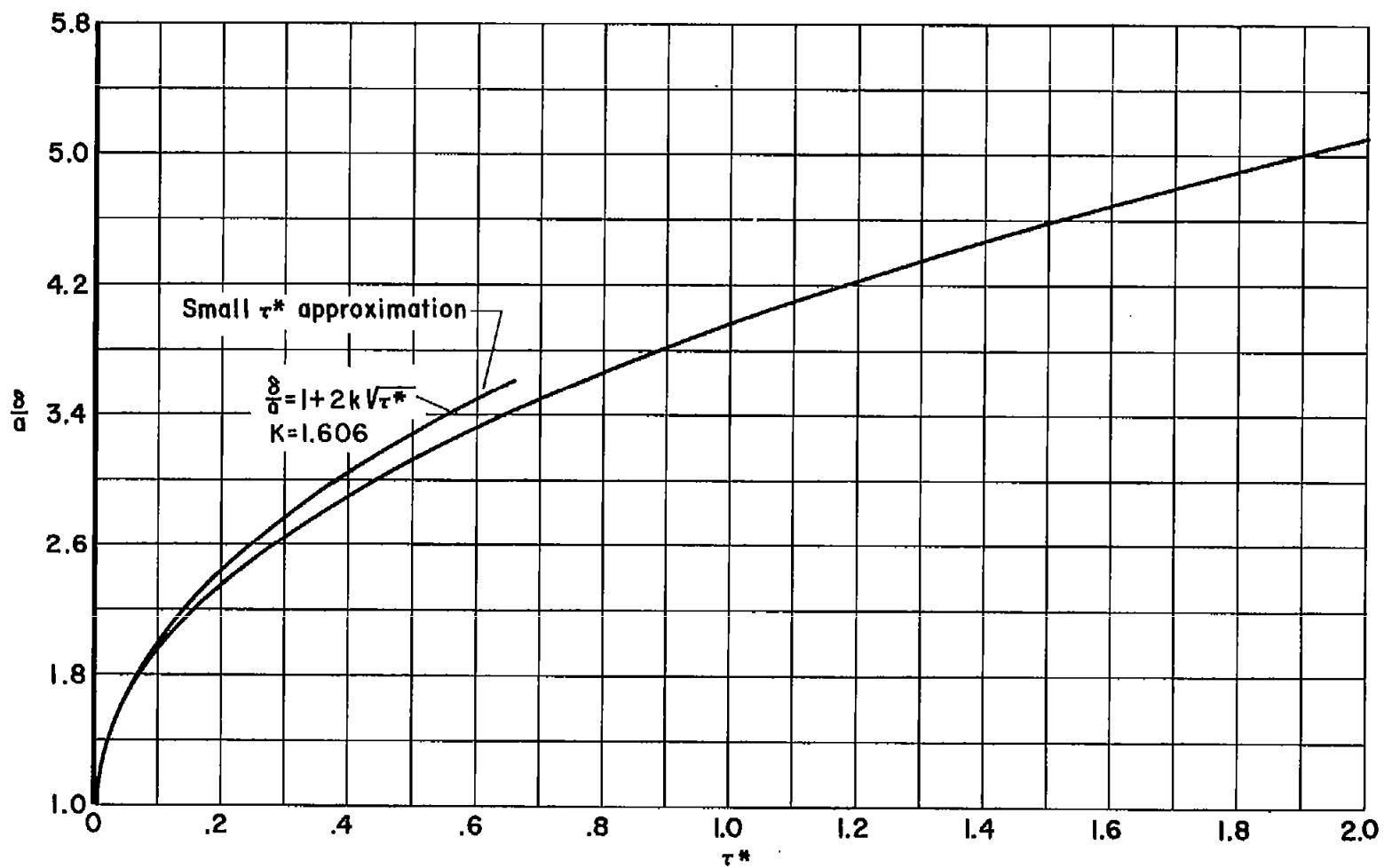


Figure 6.- Boundary-layer thickness for infinite circular cylinder.

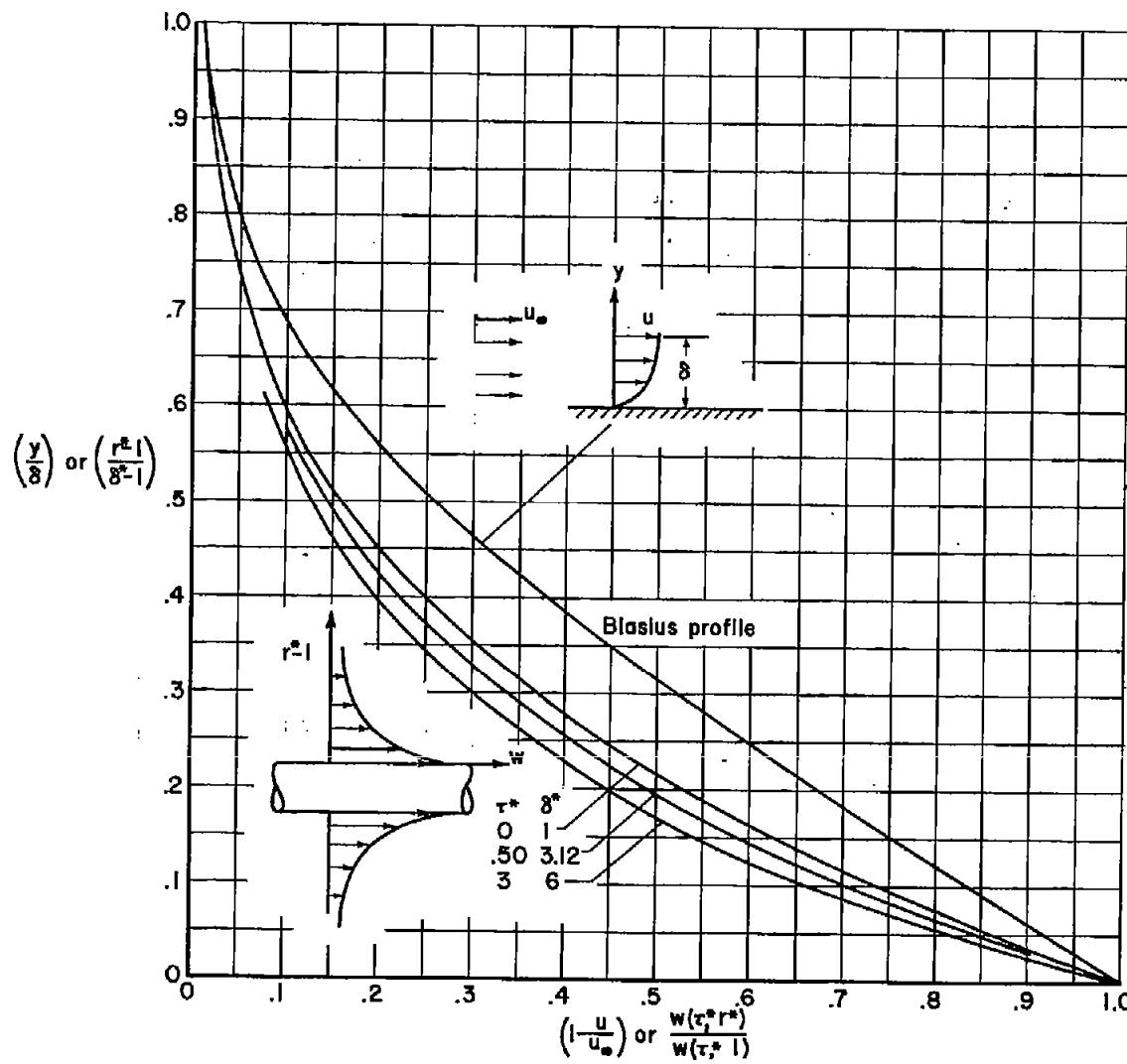


Figure 7.- Dimensionless velocity profiles for infinite circular cylinder.

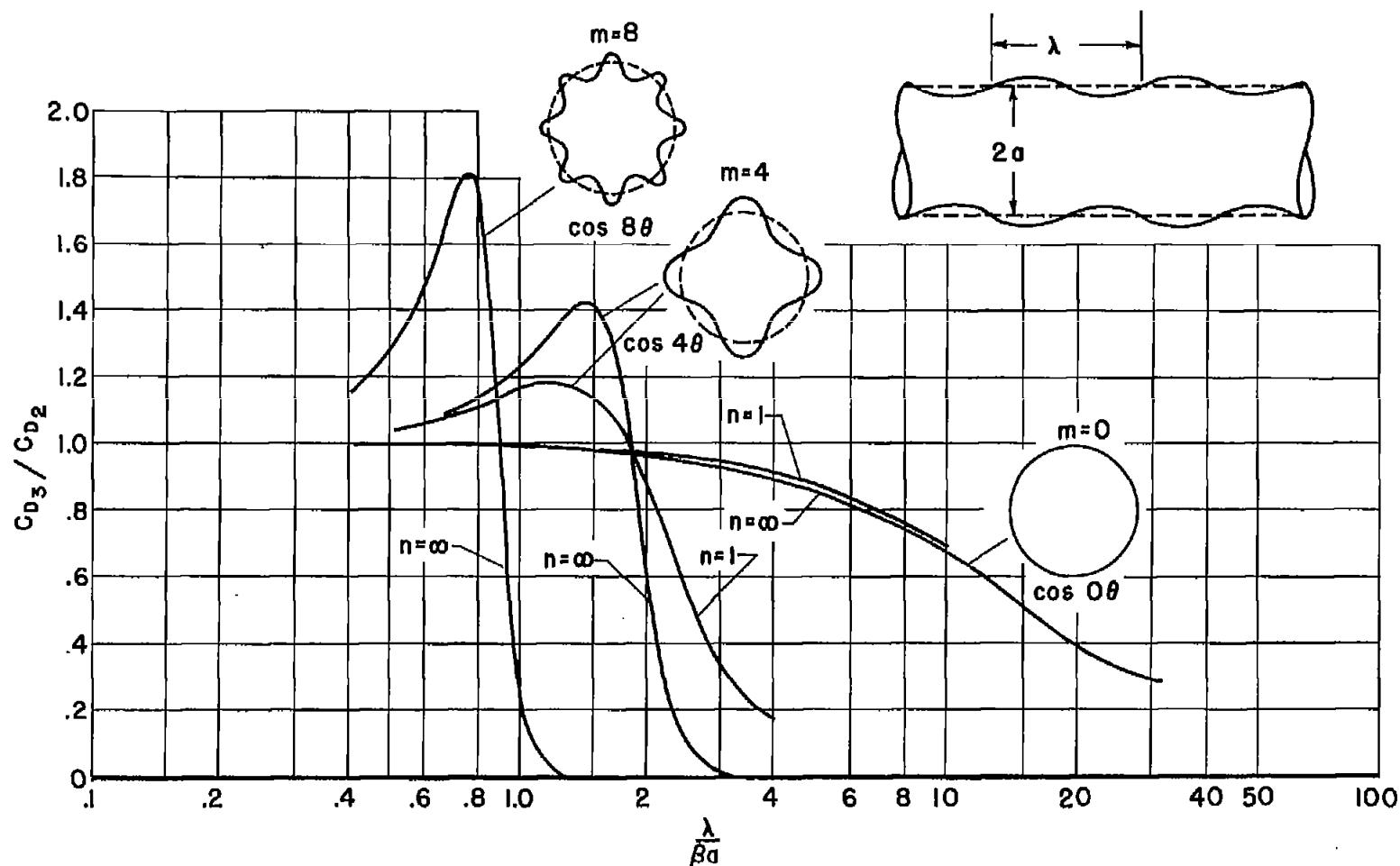


Figure 8.- Wave drag of sinusoidally corrugated bodies.